

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING						FORM 3 AMENDED REPORT				
APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER Tidewater State 15-13-2219				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT				
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME CRESCENT				
6. NAME OF OPERATOR TIDEWATER OIL & GAS COMPANY, LLC						7. OPERATOR PHONE 303 468-0656 201				
8. ADDRESS OF OPERATOR 110 16th St Ste 1220, Denver, CO, 80202						9. OPERATOR E-MAIL jjones@tidewater-oil.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML49091			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input checked="" type="checkbox"/> DIRECTIONAL <input type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL		FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN		
LOCATION AT SURFACE		1875 FSL 1254 FWL		NWSW	15	22.0 S	19.0 E	S		
Top of Uppermost Producing Zone		1875 FSL 1254 FWL		NWSW	15	22.0 S	19.0 E	S		
At Total Depth		1875 FSL 1254 FWL		NWSW	15	22.0 S	19.0 E	S		
21. COUNTY GRAND			22. DISTANCE TO NEAREST LEASE LINE (Feet) 1875			23. NUMBER OF ACRES IN DRILLING UNIT 40				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 926			26. PROPOSED DEPTH MD: 3200 TVD: 3200				
27. ELEVATION - GROUND LEVEL 4677			28. BOND NUMBER 394312680793			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE Thompson Springs				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
COND	20	16	0 - 40	65.0	H-40 ST&C	8.3	Class G	63	1.0	15.0
SURF	12.25	8.625	0 - 350	24.0	J-55 ST&C	8.5	Rockies Lite	150	2.08	12.8
PROD	7.875	5.5	0 - 3200	15.5	K-55 LT&C	9.2	Rockies Lite	340	2.08	12.8
							No Used	0	0.0	0.0
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Walter Lowry				TITLE Engineer			PHONE 303 884-5505			
SIGNATURE				DATE 05/10/2012			EMAIL wlowry@tidewater-oil.com			
API NUMBER ASSIGNED 43019500220000				APPROVAL Permit Manager						

Tidewater Oil & Gas Company LLC
Tidewater State 15-13-2219
1875' FSL & 1254' FWL NWSW Section 15-T22S-R19E
Grand County, Utah
Lease # ML 49091

DRILLING PLAN

1. Estimated Tops of Geological Markers:

Formation	Depth (K.B.)
Morrison Brushy Basin Member	Surface
Salt Wash	770'
Moab Member of Curtis Formation	1080'
Entrada	1190'
Carmel	1420'
Navajo	1639'
Kayenta	2062'
Wingate	2523'
Chinle	2773'

2. Estimated Depths of Anticipated Water, Oil, Gas or Other Minerals:

Formation	Depth (K.B.)	Substance
Salt Wash	770'	Oil/Gas/Water
Moab Tongue	1080'	Oil/Gas/Water
Entrada	1190'	Oil/Gas/Water
Carmel	1420'	Oil/Gas/Water
Navajo	1639'	Oil/Gas/Water
Kayenta	2062'	Oil/Gas/Water
Wingate	2523'	Oil/Gas/Water
Chinle	2773'	Oil/Gas/Water
	Estimated TD	3000'
	Permit TD	3200'

3. Pressure Control Equipment:

- A. Type: 11" 3M double gate hydraulic BOP with 11" 3M annular preventer on 3,000 psi casing head, with 3,000 psi choke manifold equipped per the attached diagram.
- B. A PVT, stroke counter and flow sensor will be installed to check for flow and monitor pit volume.
- C. Pressure Rating: 3,000 psi BOPE.
- D. Kelly will be equipped with upper and lower Kelly valves.
- E. Testing Procedure:

Annular Preventer

At a minimum, the annular preventer will be pressure tested to 50% of the stack rated working pressure for a period of ten (10) minutes or until provisions of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the annular preventer is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the annular preventer will be functionally operated at least weekly.

Blow-Out Preventer (Pipe Rams and Blind Rams)

At a minimum, the BOP, choke manifold, and related equipment will be pressure tested to the approved working pressure of the BOP stack (if isolated from the surface casing by a test plug) or to 70% of the internal yield strength of the surface casing (if the BOP is not isolated from the casing by a test plug). Pressure will be maintained for a period of at least ten (10) minutes or until the requirements of the test are met, whichever is longer.

At a minimum, the above pressure test will be performed:

1. When the BOP is initially installed;
2. Whenever any seal subject to test pressure is broken;
3. Following related repairs; and
4. At thirty (30) day intervals.

In addition to the above, the pipe and blind rams will be activated each trip, but not more than once each day. All BOP drills and tests will be recorded in the IADC driller's log.

E. Miscellaneous Information:

The blowout preventer and related pressure control equipment will be installed, tested and maintained in compliance with the specifications in and requirements of *Onshore Oil & Gas Order Number 2*.

4. Proposed Casing & Cementing Program:**A. Casing Program: All New**

Hole Size	Casing Size	Wt./Ft.	Grade	Joint	Depth Set (MD)
20"	16" O.D.	65.0#	H40	Welded	40' (BGL)
12-1/4"	8-5/8" O.D.	24.0#	J55	ST&C	0 – 350' (KB) est.
7-7/8"	5-1/2"	15.5#	K55	LT&C	0 – 3200' (KB) est.

The surface casing will have guide shoe, 1 joint, and float collar. Centralize the shoe joint with bowspring centralizers in the middle and top of the joint and then place bowspring centralizers on every other collar to surface. Thread lock guide shoe and bottom of float collar.

Casing string(s) will be pressure tested to 0.22 psi/foot of casing string length or 1500 psi, whichever is greater (not to exceed 70% of the internal yield strength of the casing), after cementing and prior to drilling out from under the casing shoe.

B. Casing Design Parameters:

Depth (MD)	Casing	Collapse (psi)/SF	Burst (psi)/SF	Tension (Mlbs)/SF
40' (GL)	16" OD	NA	NA	NA
350' (KB)	8-5/8", 24#/ft, J55, STC	1370/ 8.75(a)	2950/ 2.06(b)	244M/ 29.0(c)
3200' (KB)	5-1/2", 15.5#/ft, K55, LTC	4040/ 2.43 (d)	4810/ 3.14 (e)	239M/ 4.82 (f)

- (a.) based on full evacuation of pipe with 8.6 ppg fluid on annulus
 (b.) based on 8.6 ppg gradient with no fluid on annulus
 (c.) based on casing string weight in air
 (d.) based on full evacuation of pipe with 10.0 ppg fluid on annulus
 (e.) based on 9.2 ppg gradient, gas to surface, with no fluid on annulus, no gas gradient
 (f.) based on casing string weight in air

PROPOSED CEMENTING PROGRAM**Surface Casing Cemented to surface**

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
8-5/8"	Lead/Tail	350	Howco Rockies LT cement + 0.25 pps Poly-E-Flake	150	100%	12.8	2.08

A cement top job will be performed if cement fallback is greater than 10' below ground level. Top job (weight 15.8 ppg, yield 1.15 ft³/sx) cement will be premium cement w/ 3% CaCl₂ + 0.25 pps celloflake. Volume as required.

Production Casing - Cemented TD to surface

CASING	SLURRY	FT. of FILL	CEMENT TYPE	SXS	EXCESS (%)	WEIGHT (ppg)	YIELD (ft ³ /sx)
5-1/2"	Lead	2900	Howco Rockies LT + 0.25 pps celloflake	340	40% over caliper	12.8	2.08

Cement volumes for the 5-1/2" Production Casing will be calculated to provide a top of cement to 50' inside surface casing shoe. Actual cement volumes may vary due to variations in the actual hole size and will be determined by running a caliper log on the drilled hole and adding 40% excess. Actual cement types may vary due to hole conditions and cement contractor used.

All waiting on cement (WOC) times will be adequate to achieve a minimum of 500 psi compressive strength at the casing shoe prior to drilling out.

5. Drilling Fluids (mud) Program:

Interval (MD)	Mud Weight	Fluid Loss	Viscosity	Mud Type
0' – 40' (KB)	Air/ Air Mist	No cntrl	28	Water
40'-350' (KB)	8.4-8.6	No cntrl	28-36	FW Gel/Lime
350'-3200' (KB)	8.4-9.2	8 - 10 ml	32-42	Gel/Polymer Fresh Water Base

Sufficient mud material(s) to maintain mud properties, control lost circulation and contain a blowout will be available at the well site during drilling operations.

6. Evaluation Program:

Tests: As required.

Coring: No cores are currently planned.

Samples: Two (2) sets of cleaned, dried, labeled formation samples will be taken not less than every 20' from the top of the base of surface casing (~350' RKB) to Total Depth.

Logging

- Quad Combo (CNL/FDC/DIL/BHC Sonic/GR/CAL) f/ 3200' to 350'
- Cement Bond Log / Gamma Ray from 3200' TD to 350'

Mudlogging: A mudlogger will be onsite analyzing formation cuttings, monitoring gas, and preparing a mudlog from 350' to TD.

Stimulation: A stimulation or frac treatment will be designed for completion of this well based on openhole log analysis. The drill site, as approved, will be sufficient size to accommodate all completion activities.

7. Maximum Bottomhole Pressure:

Maximum anticipated bottom hole pressure equals approximately 1497 psi (calculated at 0.468 psi/ft of hole).

8. Abnormal Conditions:

No abnormal temperatures or pressures are anticipated. No H₂S has been encountered or known to exist from previous wells drilled to similar depths in the general area.

9. Anticipated Starting Dates:

- Anticipated Commencement Date- August 15, 2012
- Drilling Days- Approximately 7 days
- Completion Days - Approximately 5 days
- Anticipate location construction within 30 days of permit issue.

10. Variances:

A location exception letter is attached which requests an exception from the statewide spacing orders which require a well in a non-spaced are to be drilled within a 400' x 400' square drilling window inside each quarter-quarter. Due to geologic considerations as identified from thorough interpretation of the 3D seismic survey, combined with surface constraints associated with State Highway 191 and an active railroad line between Crescent junction and Moab, UT, Tidewater is significantly restricted in its ability to locate the subject well within a legal drilling window. Tidewater is the lease holder for each adjacent ¼ ¼ in every direction from the proposed well.

11. Other:

Single Shot inclination surveys will be dropped on every bit trip and/or run on slick line not less than every 500' of hole drilled, and a survey will be dropped at TD.

Range 19 East

(N89°56'W - 5278.68')

S89°56'37"W - 5294.15'

15

Tidewater State
15-13-2219

ELEV. 4676.5'

UTM-83
N 4305871
E 603110UTM-27
N 4305667
E 603172

S89°54'29"W - 5289.84'

(S89°59'W - 5281.32')

Legend

- Drill Hole Location
- ⊙ Metal Cap (Found)
- Brass Cap (Searched for, but not found)
- △ Calculated Corner
- () GLO

GPS Measured

NOTES:

1. UTM and Latitude / Longitude Coordinates are derived using a GPS Pathfinder.

NAD 83/WGS 84

LAT / LONG	
38°53'44.430"N	38.89567°N
109°48'39.599"W	109.81100°W

NAD 27

LAT / LONG	
38°53'44.529"N	38.89570°N
109°48'37.150"W	109.81032°W

Location:

The well location was determined using a Trimble 5700 GPS survey grade unit.

Basis of Bearing:

The Basis of Bearing is GPS Measured.

GLO Bearing:

The Bearings indicated are per the recorded plat obtained from the U.S. Land Office.

Basis of Elevation:

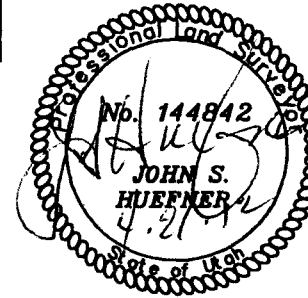
Basis of Elevation of 4961' being at the Northwest Section Corner of Section 33, Township 21 South, Range 19 East, Salt Lake Base and Meridian, as shown on the Crescent Junction Quadrangle 7.5 minute series map.

Description of Location:

Proposed Drill Hole located in the NW/4 SW/4 of Section 15, T22S, R19E, S.L.B.&M., being North 1874.67' from the South Line and East 1253.57' from the West Line of Section 15, T22S, R19E, Salt Lake Base & Meridian.

Surveyor's Certificate:

I, John S. Huefner, a Professional Land Surveyor, holding Certificate No. 144842 State of Utah, do hereby certify that the information on this drawing is a true and accurate survey based on data of record and was conducted under my personal direction and supervision as shown hereon.



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230

Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311

E-Mail talon@ctv.net

TIDEWATER

TIDEWATER STATE

15-13-2219

Section 15, T22S, R19E, S.L.B.&M.

Grand County, Utah

Drawn By
N. BUTKOVICHDrawing No.
A-1Checked By
A.P.C./J.S.H.Date:
4/21/12Scale:
1" = 1000'

Sheet 1 of 1

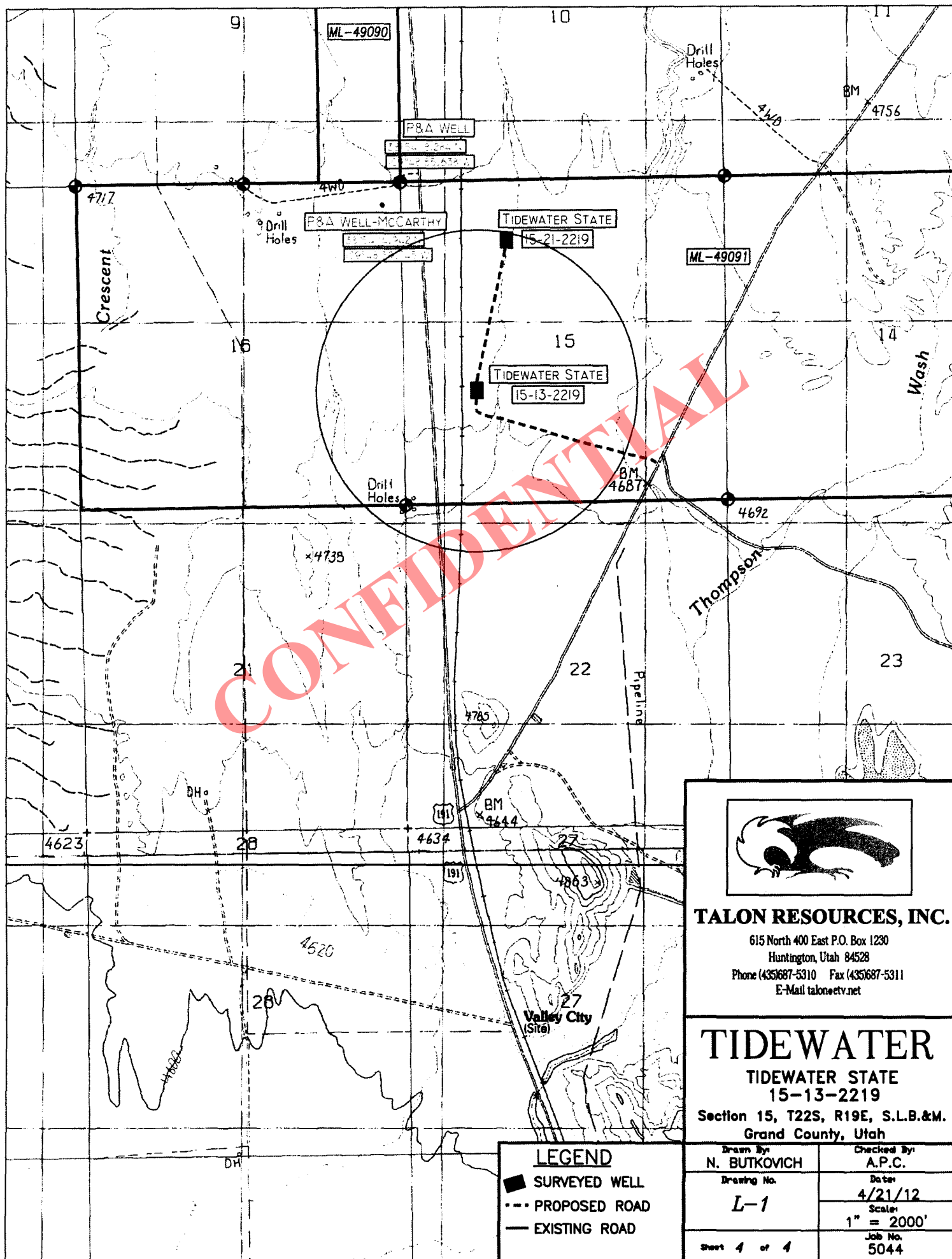
Job No.
5044

GRAPHIC SCALE

0 500' 1000'

(IN FEET)

1 inch = 1000 ft.



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230
Huntington, Utah 84528
Phone (435)687-5310 Fax (435)687-5311
E-Mail talonectv.net

TIDEWATER

TIDEWATER STATE
15-13-2219

Section 15, T22S, R19E, S.L.B.&M.
Grand County, Utah

Drawn By: N. BUTKOVICH	Checked By: A.P.C.
Drawing No. L-1	Date: 4/21/12
	Scale: 1" = 2000'
Sheet 4 of 4	Job No. 5044

11" 3000 psi
Rotating Head

11" 3000 psi
Annular

11" 3000 psi
Double Rams

2" 3,000# psi
Kill-Line

2" min. 3000 psi
Choke-Line

11" 3,000#

11" 3,000#

DSA

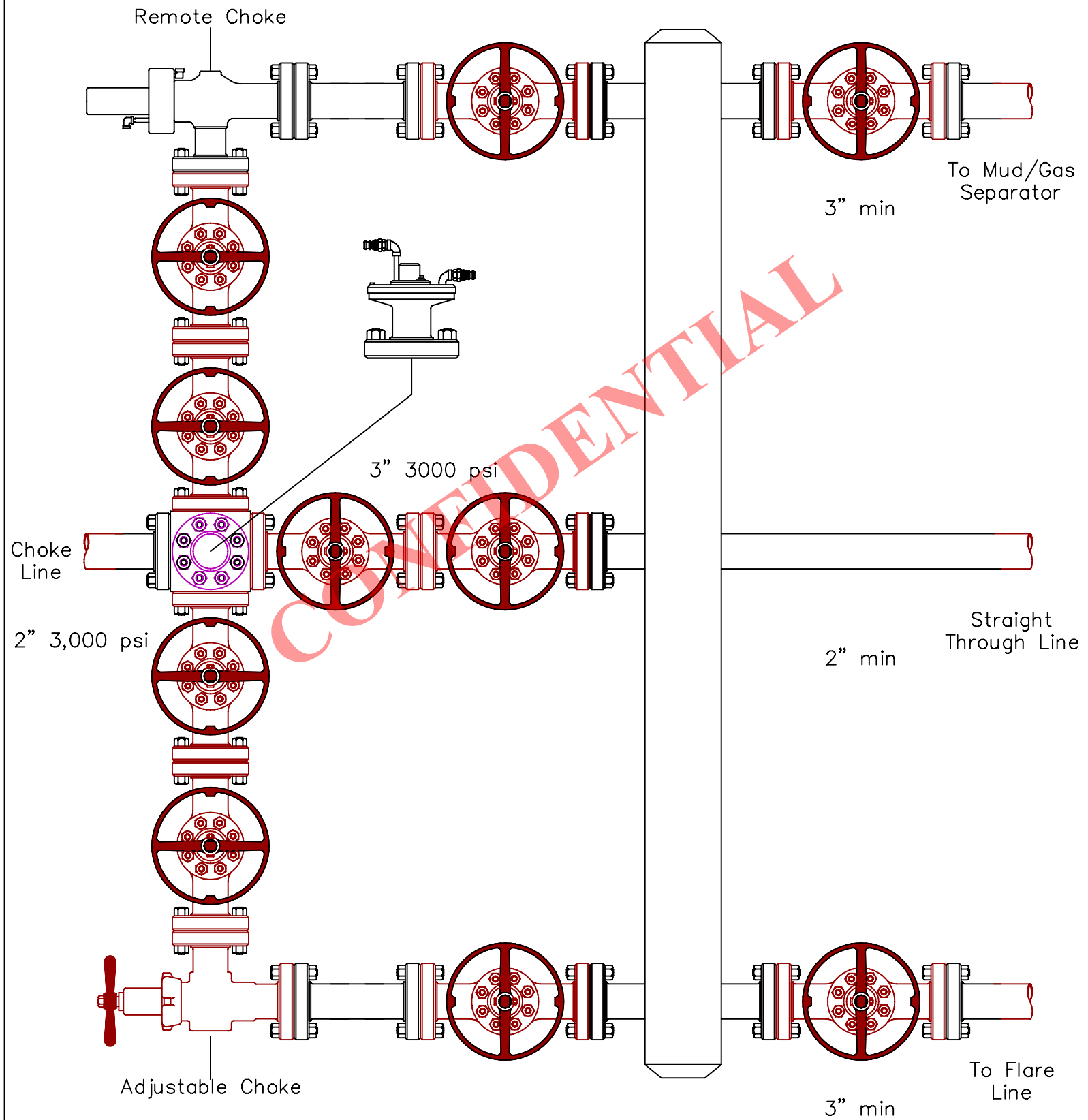
9-5/8"

BOPE Diagram
3000 psi WP



Class 2

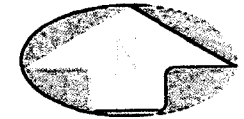
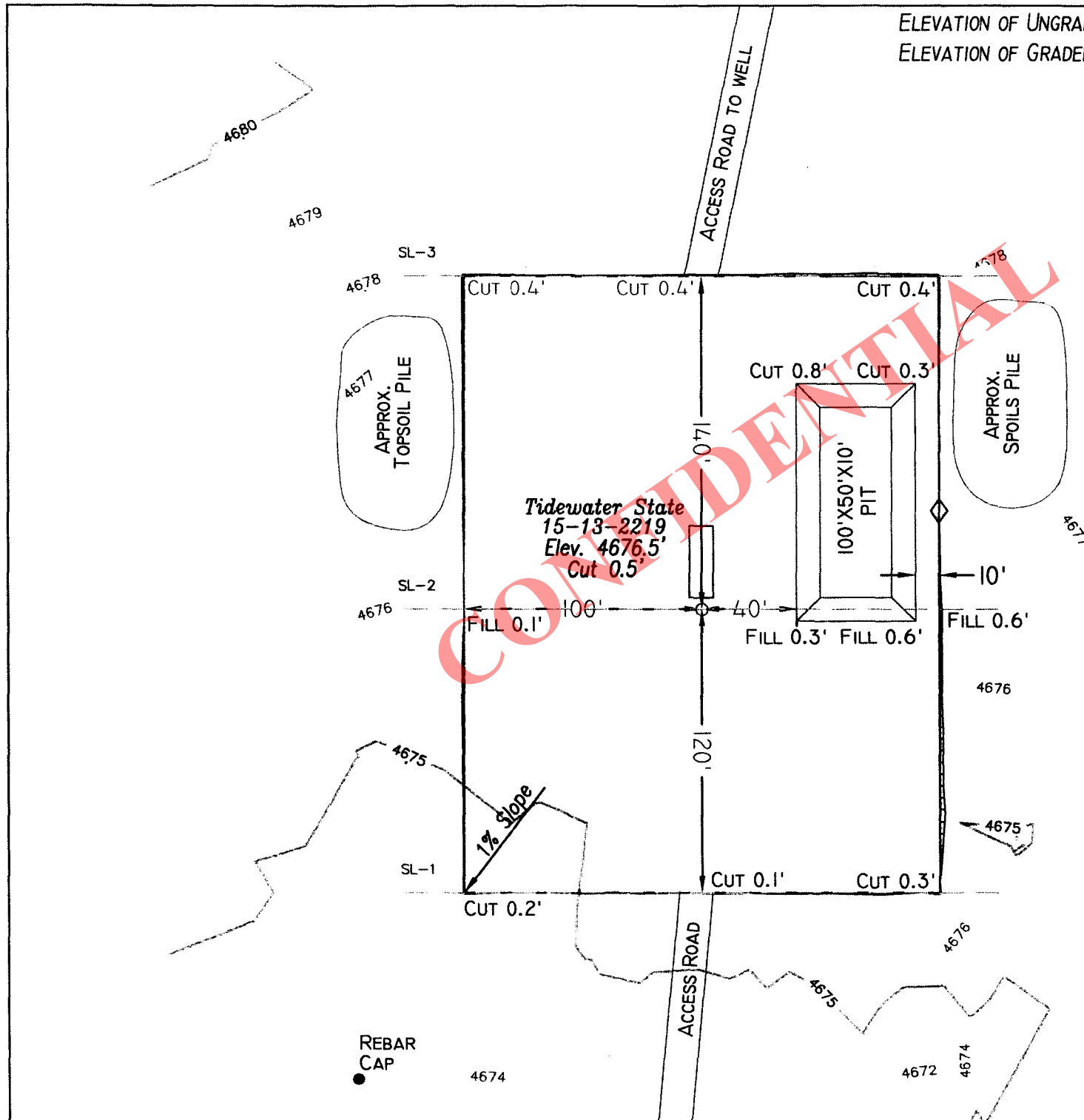
Name: Jeanette	8-29-07	RECEIVED 3,000#	10 J-7746-7
Date:		Working Pressure:	May 10, 2012



Choke Manifold
(Typical)
Class 2



ELEVATION OF UNGRADED GROUND AT LOCATION STAKE = 4676.5'
 ELEVATION OF GRADED GROUND AT LOCATION STAKE = 4676.0'



TALON RESOURCES, INC.

615 North 400 East P.O. Box 1230

Huntington, Utah 84528

Phone (435)687-5310 Fax (435)687-5311

E-Mail talon-etv.net

TIDEWATER

LOCATION LAYOUT
Section 15, T22S, R19E, S.L.B.&M.
TIDEWATER STATE
15-13-2219

Drawn By:
N. BUTKOVICH

Checked By:
A.P.C.

Drawing No.

A-2

Date:

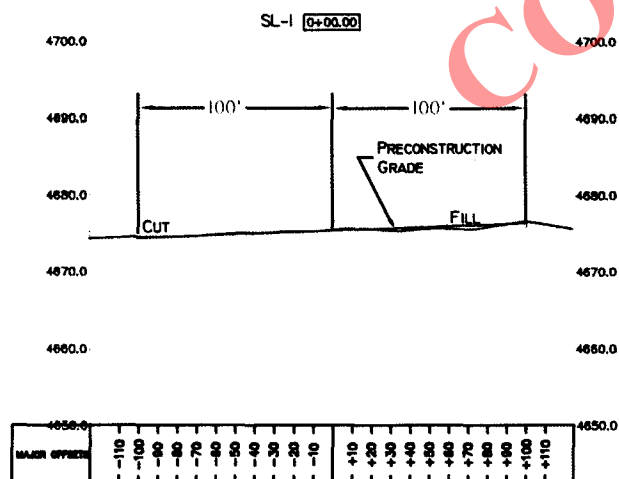
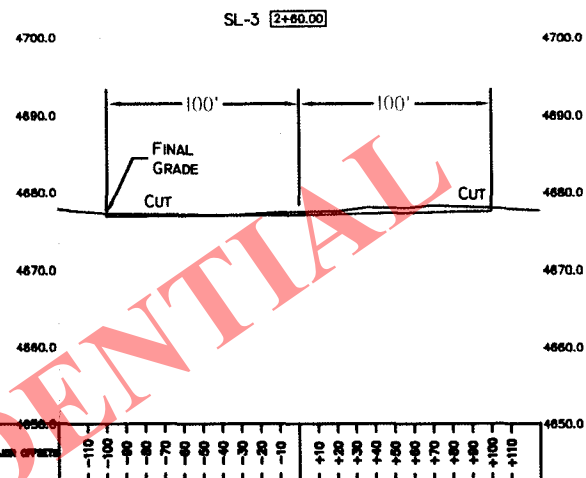
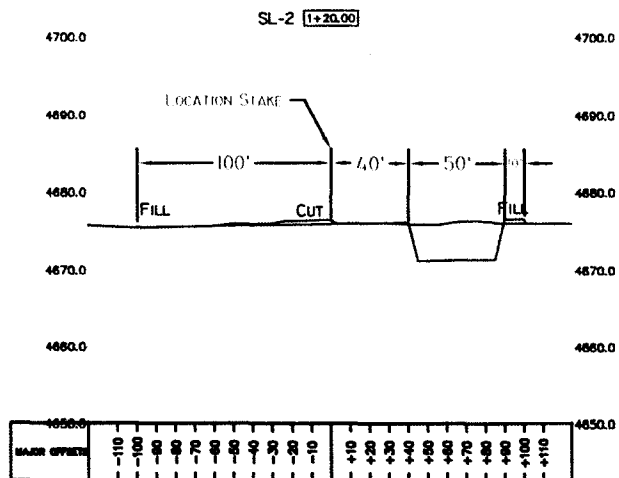
4/21/12

Scale:

1" = 60'

Sheet **2** of **4**

Job No.
5044



1"=10'
X-Section
Scale
1"=40'

SLOPE = 1 1/2 : 1
(EXCEPT PIT)
PIT SLOPE = 1 : 1

APPROXIMATE YARDAGES

(6") TOPSOIL STRIPPING = 1,050 CU. YDS.

TOTAL CUT (INCLUDING PIT) = 1,800 CU. YDS.

TOTAL FILL = 200 CU. YDS.



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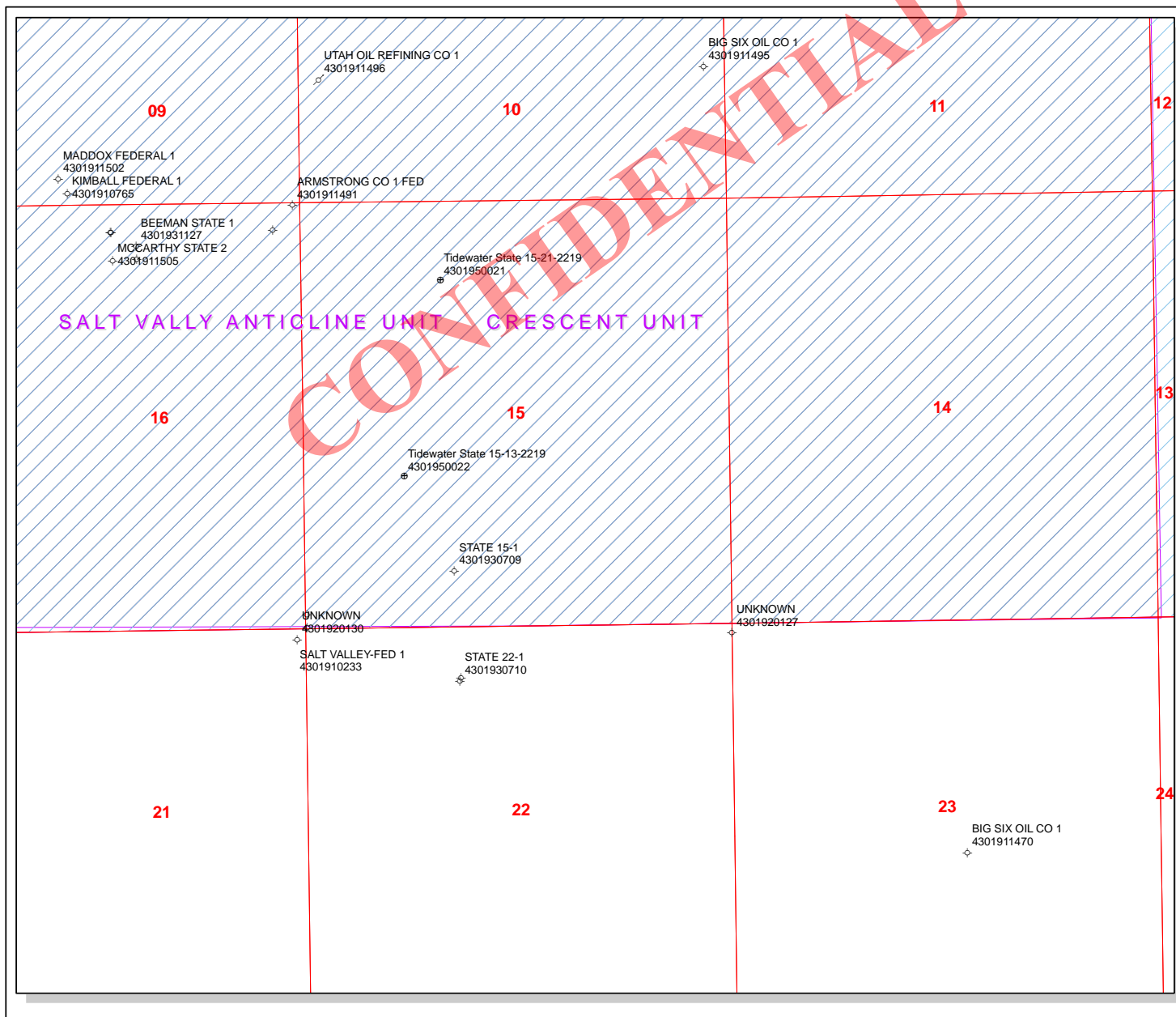
E-Mail talon-etv.net

TIDEWATER

TYPICAL CROSS SECTION
Section 15, T22S, R19E, S.L.B.&M.

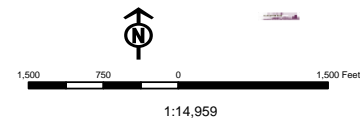
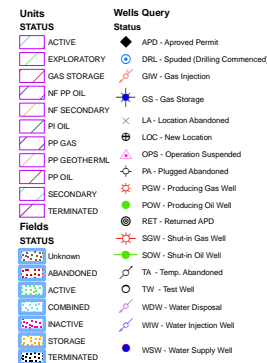
TIDEWATER STATE
15-13-2219

Drawn By: N. BUTKOVICH	Checked By: A.P.C.
Drawing No. C-1	Date: 4/21/12
	Scale: 1" = 100'
Sheet 3 of 4	Job No. 5044



API Number: 4301950022
Well Name: Tidewater State 15-13-2219
Township T2.2 . Range R1.9 . Section 15
Meridian: SLBM
Operator: TIDEWATER OIL & GAS COMPANY, LLC

Map Prepared:
 Map Produced by Diana Mason



TIDEWATER OIL & GAS COMPANY LLC

110 16th Street, Suite 405

Denver, Colorado 80202

(303) 468-0656

May 21, 2012

Ms. Diana Whitney
Utah Division of Oil, Gas and Mining
1594 West North Temple
Suite 1210
Salt Lake City, Utah 84114-5801

Re: Application for Permit to Drill – Location Exception Letter
Tidewater State 15-13-2219
NWSW Sec 15, T22S, R19E
1875' FSL, 1254' FWL
ML-49091
Grand County, Utah

Dear Ms. Whitney:

Pursuant to Utah Administrative Code §R649-3-3 Exception to Location and Siting of Wells, Tidewater Oil & Gas Company LLC ("Tidewater") hereby requests an exception location for the referenced well. Tidewater is the lessee of the following leases:

- ML-49091: All of sections 14, 15 & 16-T22S-R19E
- ML-49090: All of section 10 & E/2 E/2 Section 9-T22S-R19E
- ML-52066-OBA: All of section 11-T22S-R19E

and therefore controls all offsetting acreage to the proposed well. As such, Tidewater has met its notification obligation under UAC §§R649-3-3-1.2 and 1.3.

This proposed drill site is located within the Crescent Unit, and Tidewater is the operator of said federal Unit. Tidewater is the only owner within a 460' radius of the proposed location. Please see the attached plat showing the location of the proposed well as a red circle, and the location where the well could be drilled to negate the necessity of requesting an exception location, and this "legal" location is shown with a red "X" inside the 40-acre drilling window.


This request for an exception location is necessary for the following reasons:

- Tidewater has commissioned a very detailed and comprehensive analysis of the 3-D seismic data underlying the proposed location. The results of said analysis strongly indicate the proposed location offers the highest chance of drilling and completing a commercially productive oil and gas well.
- There are two major man-made disturbances on the surface: (i) State Highway 191; and, (ii) a Union Pacific Railroad spur line between Moab, UT and Crescent Junction, UT.
- The above mentioned surface disturbances significantly limit Tidewater's ability to select a surface location whereby a vertical well can be drilled to a relatively tight geologic target.

- Directional drilling at this location is not economically or physically viable due to the shallow nature of the anticipated producing zone and the complexity of the geologic target.

Please accept the foregoing as Tidewater's application for an exception location pursuant to §§R649-3-2 and R649-3-3 of the Utah Administrative Code. Feel free to call me at (720) 881-7341 with any questions you may have.

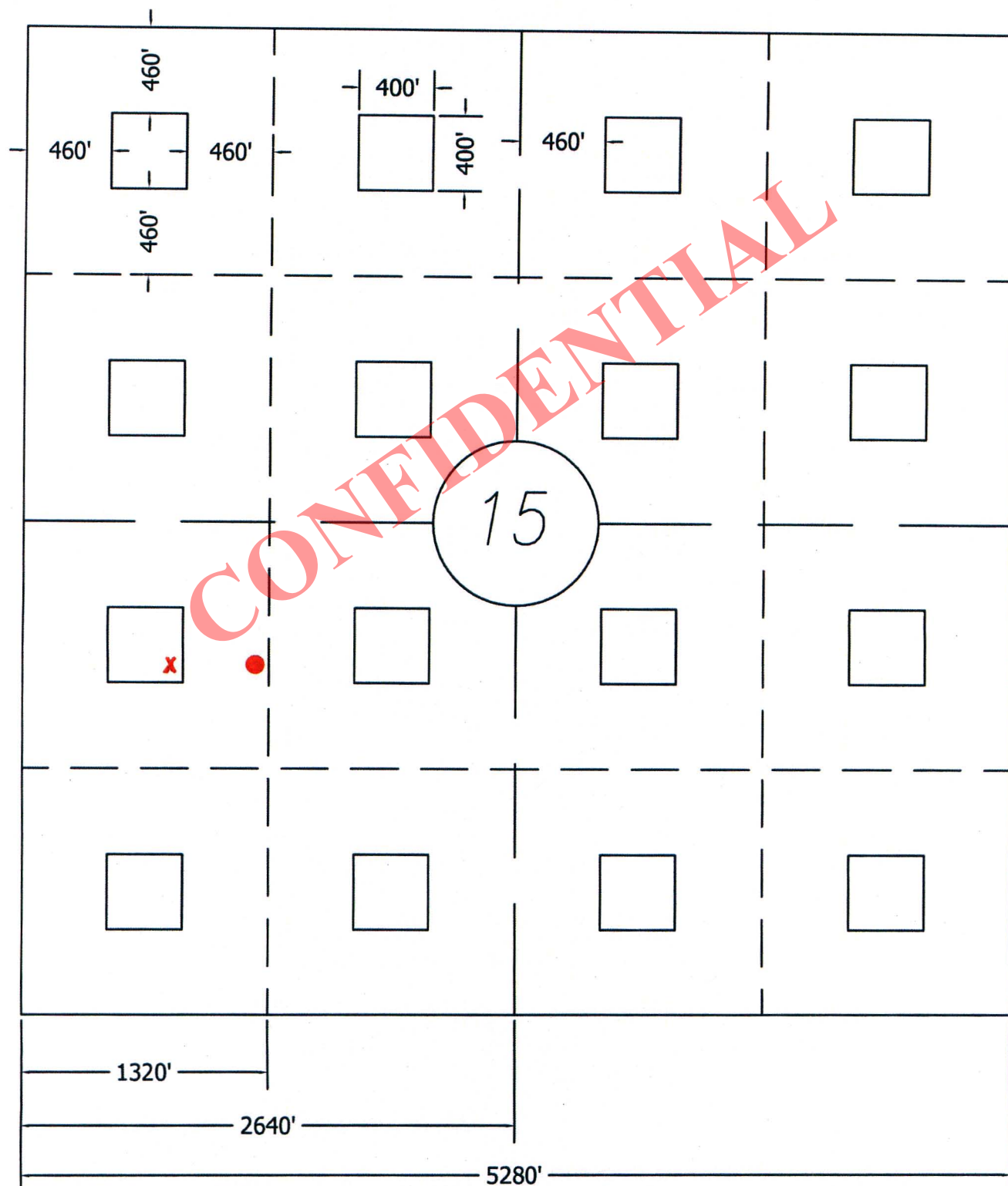
Sincerely,
Tidewater Oil & Gas Company LLC


James Jones
Manager

CONFIDENTIAL

40 Acre Spacing

Well Name: 15-13-2219



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

May 25, 2012

Memorandum

To: AFM-Resources, Moab Field Office
From: Michael Coulthard, Petroleum Engineer
Subject: 2012 Plan of Development Crescent Unit Grand
County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2012 within the Crescent Unit, Grand County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Chinle)		
43-019-50021	Tidewater State 15-21-2219 Sec 15 T22S R19E 0962 FNL 1737 FWL	
43-019-50022	Tidewater State 15-13-2219 Sec 15 T22S R19E 1875 FSL 1254 FWL	

This office has no objection to permitting the wells at this time. However please be advised that neither well will qualify as an "obligation well" under the Crescent Unit Agreement.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2012.05.25 07:24:49 -06'00'

bcc: File - Crescent Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:5-25-12

RECEIVED: May 25, 2012

Well Name	TIDEWATER OIL & GAS COMPANY, LLC Tidewater State 15-13-2219			
String	COND	SURF	PROD	
Casing Size(")	16.000	8.625	5.500	
Setting Depth (TVD)	40	350	3200	
Previous Shoe Setting Depth (TVD)	0	40	350	
Max Mud Weight (ppg)	8.3	8.5	9.2	
BOPE Proposed (psi)	0	0	3000	
Casing Internal Yield (psi)	1000	2950	4810	
Operators Max Anticipated Pressure (psi)	1389		8.3	

Calculations	COND String	16.000	"
Max BHP (psi)	.052*Setting Depth*MW=	17	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	12	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	8	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	8	NO
Required Casing/BOPE Test Pressure=		0	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

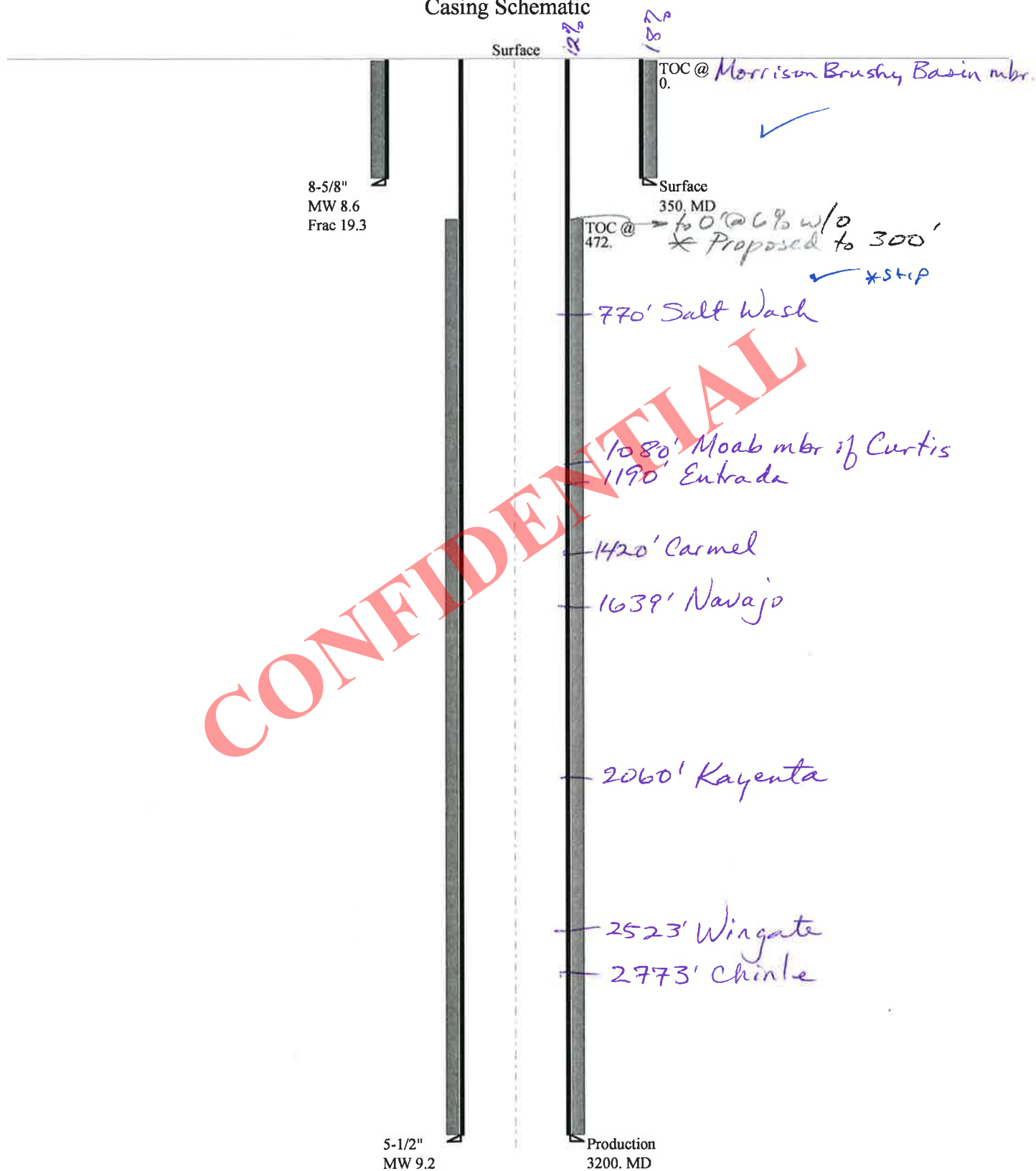
Calculations	SURF String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	155	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	113	NO fresh water gel/lime mud
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	78	NO OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	87	NO OK
Required Casing/BOPE Test Pressure=		350	psi
*Max Pressure Allowed @ Previous Casing Shoe=		40	psi *Assumes 1psi/ft frac gradient

Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	1531	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	1147	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	827	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	904	NO REasonable
Required Casing/BOPE Test Pressure=		3000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		350	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

43019500220000 Tidewater State 15-13-2219

Casing Schematic



Well name:	43019500220000 Tidewater State 15-13-2219	
Operator:	TIDEWATER OIL & GAS COMPANY, LLC	
String type:	Surface	Project ID: 43-019-50022
Location:	GRAND	COUNTY

Design parameters:**Collapse**

Mud weight: 8.600 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 79 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 308 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 350 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 305 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 3,200 ft
Next mud weight: 9.200 ppg
Next setting BHP: 1,529 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 350 ft
Injection pressure: 350 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	350	8.625	24.00	J-55	ST&C	350	350	7.972	1802
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	156	1370	8.762	350	2950	8.43	8.4	244	29.05 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: July 18, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 350 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Well name:	43019500220000 Tidewater State 15-13-2219	
Operator:	TIDEWATER OIL & GAS COMPANY, LLC	
String type:	Production	Project ID: 43-019-50022
Location:	GRAND COUNTY	

Design parameters:**Collapse**

Mud weight: 9.200 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 119 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 472 ft

Burst

Max anticipated surface pressure: 825 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 1,529 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Non-directional string.

Tension is based on air weight.
Neutral point: 2,754 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	3200	5.5	15.50	K-55	LT&C	3200	3200	4.825	14022
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1529	4040	2.642	1529	4810	3.15	49.6	239	4.82 J

Prepared by: Helen Sadik-Macdonald
Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: July 18, 2012
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 3200 ft, a mud weight of 9.2 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

From: Jim Davis <jimdavis1@utah.gov>
To: edbonner@utah.gov, jconley@utah.gov, LAVONNEGARRISON@utah.gov, BRADHILL@...
Date: 7/27/2012 12:58 PM
Subject: Tidewater Apd approvals

All, The following well have been approved by SITLA with the following archaeology stipulations:
Tidewater State 15-21-2219 (4301950021) and Tidewater State 15-13-2219 (4301950022).

A paleo survey was not required in this area. I note here as well that DWR recommends that drilling and construction activities not occur between March 1 and Aug 1 due to the presence of Ferruginous hawks in the area.

Here is the stipulation on the arch clearance from Kristine Curry : >>>> The following wells have been cleared for cultural resources, provided they don't affect the two eligible sites (so, they need to avoid the railroad grade and no improving/digging in the road):

Tidewater's Tidewater State 15-21-2219 [API #4301950021] (U-12-MQ-0527s; 5 non-significant sites, 42Gr1805, 42Gr1807, 42Gr3799, 42Gr3800, and 42Gr4755, adjacent to proposed pad)

Tidewater's Tidewater State 15-13-2219 [API #4301950022] (U-12-MQ-0527s; 3 non-significant sites, 42Gr1804, 42Gr1932, and 42Gr2771, and 2 eligible sites, 42Gr2311 & 42Gr3429, adjacent to proposed pad & access - must avoid impacts to the two eligible sites)

Kristine

>>>>

Thanks a lot. -Jim Davis

Jim Davis Utah Trust Lands Administration jimdavis1@utah.gov Phone: (801) 538-5156
Sent from my mobile. Forgive the spelling.

RECEIVED: July 27, 2012

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator TIDEWATER OIL & GAS COMPANY, LLC
Well Name Tidewater State 15-13-2219
API Number 43019500220000 **APD No** 5901 **Field/Unit** WILDCAT
Location: 1/4,1/4 NWSW **Sec** 15 **Tw** 22.0S **Rng** 19.0E 1875 FSL 1254 FWL
GPS Coord (UTM) 603108 4305872 **Surface Owner**

Participants

Bart Kettle-Division of Oil, Gas and Mining (DOGM), Nicole Nielson-Utah Division of Wildlife Resources (UDWR), Jim Davis-Trust Lands Administration (SITLA), Jim Jones-Tidewater Oil & Gas Company, LLC, Bo Wareham-K Sue Construction, Mike Davis-K-Sue.

Regional/Local Setting & Topography

Proposed project site is located roughly 5 miles southwest of the town of Thompson Springs, in Grand County Utah. Annual precipitation is 6-8", vegetation is sparse at the project site, but would be described as salt scrub rangelands. Topography immediately adjacent to the project site is gently rolling clay flats. Drainage is to the south entering the Green River within 20 miles. No perennial water was observed in close proximity to the proposed project site. Drainages in the immediate area are ephemeral in nature, being dry throughout a majority of the year. On a regional setting the project is located in the Cisco Desert at the base of the Bookcliffs, a region known for it's harsh growing conditions due to low precipitation, and poorly developed salty soils. I-70, Hwy 191, east bound Crescent Junction rest area, DOE uranium tailings transfer site and Union Pacific train tracks are all located in close proximity to the proposed project.

Surface Use Plan

Current Surface Use

Grazing
Wildlfe Habitat

New Road Miles	Well Pad	Src Const Material	Surface Formation
0.61	Width 200 Length 260	Onsite	MNCS

Ancillary Facilities N

No waste management plan has been filed with APD.

Waste Management Plan Adequate? N

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

Flora:

Grass: Curly galleta, Salina rye, Indian rice grass.

Forbs: Desert trumpet, funnel lily, purple mustard, Cisco aster, rocky mountain aster, halogeton

Shrubs: Mat salt brush, winterfat, broom snakeweed, Nuttles salt brush.

Trees: None

Other: Cactus spp.

Soil Type and Characteristics

Gray clays typical of recently weathered Mancos shale.

Erosion Issues Y

Soils prone to wind erosion once disturbed, watering of access road and well pad while drilling recommended.

Sedimentation Issues N

Site Stability Issues N

Site appears suitable for proposed drilling program.

Drainage Diversion Required? N

Berm Required? N

Erosion Sedimentation Control Required? Y

Apply fresh water as needed to control dust and stabilize disturbed soils.

Paleo Survey Run? N Paleo Potential Observed? N Cultural Survey Run? N Cultural Resources? Y

Reserve Pit

Site-Specific Factors

Site Ranking

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)	>1320	0
Native Soil Type	Low permeability	0
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		5

3 Sensitivity Level

Characteristics / Requirements

Liner is anticipated in reserve pit but is not required.

Closed Loop Mud Required? N Liner Required? N Liner Thickness Pit Underlayment Required? N

Other Observations / Comments

DWR mentioned rolling clays hills in close proximity to the proposed project site are potential Ferruginous hawk nesting sites. No known nests occur within close proximity for the proposed project site.

API Well Number: 43019500220000

Bart Kettle
Evaluator

5/30/2012
Date / Time

CONFIDENTIAL

RECEIVED: August 02, 2012

Application for Permit to Drill

Statement of Basis

Utah Division of Oil, Gas and Mining

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5901	43019500220000	LOCKED	OW	S	No
Operator	TIDEWATER OIL & GAS COMPANY, LLC		Surface Owner-APD		
Well Name	Tidewater State 15-13-2219		Unit	CRESCENT	
Field	WILDCAT		Type of Work	DRILL	
Location	NWSW 15 22S 19E S 1875 FSL (UTM) 603112E 4305867N		1254 FWL	GPS Coord	

Geologic Statement of Basis

Good quality groundwater is unlikely to be encountered in the bedrock at this location. Low permeability strata is present in the Mancos Shale. It is unknown what quality of waters will be encountered in the Mesozoic & Paleozoic formations that are found below the Mancos Shale. Water is most likely to be encountered within the upper 500' of staturm. High quality connate waters may be present due to the recharge from the Salt Valley Anticline to the south. Connate waters are most likely to be saline as is documented in the area of the old Crescent Junction Oil Field. The proposed casing & cementing program should adequetly protect any zones of fresh water that may be encountered. Pinnacle Potash International has 3 proposed class III solution mining injection wells within 1 mile of the proposed oil well location.

Ammon McDonald
APD Evaluator

6/18/2012
Date / Time

Surface Statement of Basis

Presite evaluation completed May 30, 2012. In attendance: Bart Kettle-Division of Oil, Gas and Mining (DOGM), Jim Davis-Trust Lands Administration (SITLA), Nicole Nielson-Division of Wildlife Resources (DWR), Jim Jones-Tidewater Oil and Gas LLC, Bo Wareham-K Sue Construction, Mike Davis-K-Sue.

Per DWR proposed project area is located within antelope fawning grounds. One small group of antelope were observed at the time of presite evaluation. A single Ferruginous Hawk nest is located over a mile north of the proposed project site. Burrowing Owls have been observed in proximity to the proposed project site. Whitetail prairie dog mounds where observed within the project area. DWR is recommending drilling operations not occur between March 1-Auguest 1 .Whitetail prairie dog mounds where observed within the project area.

Several intermittent wash crossing were observed along proposed access road. Per standards found in SITLA's Standards for Construction of Oil & Gas Roads on Utah Trust Lands "for intermittent drainages, low water crossings are preferred to culverts. As such, wash crossings shall be low water crossings with the discharge portions of crossings rip rapped with rock sufficient in size to dissipate energy flows of a ten year storm event.

Soils observed along the access road will require frequent fresh water applications to prevent break up of road surface and powdering of soils in periods of hot dry conditions. In the event drilling activates are planned during the spring break up period from February

RECEIVED: August 02, 2012

15-April 15 it is recommended that a 2% crown be built according to road Standards for the Exploration Phase for Utah Trust Lands.

Drilling activities will be visible from both I-70 and Us 191, as such it is reasonable to expect scrutiny form the general public. Operations should be maintained in a workmen like manner to prevent unnecessary negative perception towards oil and gas exploration.

Bart Kettle
Onsite Evaluator

5/30/2012
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	The reserve pit shall be fenced upon completion of drilling operations.
Surface	Access road shall be built per requirements found in Standards for Construction of Oil & Gas Roads on Utah Trust Lands.
Surface	Fresh water shall be applied to access road and well pad to control dust and erosion of disturbed soils.

CONFIDENTIAL

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 5/10/2012

API NO. ASSIGNED: 43019500220000

WELL NAME: Tidewater State 15-13-2219

OPERATOR: TIDEWATER OIL & GAS COMPANY, LLC (N3000)

PHONE NUMBER: 303 884-5505

CONTACT: Walter Lowry

PROPOSED LOCATION: NWSW 15 220S 190E

Permit Tech Review: ☒

SURFACE: 1875 FSL 1254 FWL

Engineering Review: ☒

BOTTOM: 1875 FSL 1254 FWL

Geology Review: ☒

COUNTY: GRAND

LATITUDE: 38.89564

LONGITUDE: -109.81098

UTM SURF EASTINGS: 603112.00

NORTHINGS: 4305867.00

FIELD NAME: WILDCAT

LEASE TYPE: 3 - State

LEASE NUMBER: ML49091

PROPOSED PRODUCING FORMATION(S): CHINLE

SURFACE OWNER: 3 - State

COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

☒ PLAT☒ Bond: STATE - 394312680793☐ Potash☐ Oil Shale 190-5☐ Oil Shale 190-3☐ Oil Shale 190-13☒ Water Permit: Thompson Springs☐ RDCC Review:☐ Fee Surface Agreement☐ Intent to Commingle

Commingle Approved

LOCATION AND SITING:

☐ R649-2-3.

Unit: CRESCENT

☐ R649-3-2. General☒ R649-3-3. Exception☒ Drilling Unit

Board Cause No: R649-3-3

Effective Date:

Siting:

☐ R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - dmason
5 - Statement of Basis - bhll
12 - Cement Volume (3) - ddoucet
23 - Spacing - dmason
25 - Surface Casing - hmacdonald

RECEIVED: August 02, 2012



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: Tidewater State 15-13-2219
API Well Number: 43019500220000
Lease Number: ML49091
Surface Owner: STATE
Approval Date: 8/2/2012

Issued to:

TIDEWATER OIL & GAS COMPANY, LLC, 110 16th St Ste 1220, Denver, CO 80202

Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of R649-3-3. The expected producing formation or pool is the CHINLE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Surface casing shall be cemented to the surface.

Cement volume for the 5 1/2" production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 300' MD as indicated in the submitted drilling plan.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels

OR

submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website

at <http://oilgas.ogm.utah.gov>

- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program

- contact Dustin Doucet

- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation

- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or plugging

Approved By:

A handwritten signature in black ink, appearing to read "John Rogers", written over a horizontal line.

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML49091
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: TIDEWATER OIL & GAS COMPANY, LLC		7. UNIT or CA AGREEMENT NAME: CRESCENT
3. ADDRESS OF OPERATOR: 110 16th St Ste 1220 , Denver, CO, 80202		8. WELL NAME and NUMBER: TIDEWATER STATE 15-13-2219
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1875 FSL 1254 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 22.0S Range: 19.0E Meridian: S		9. API NUMBER: 43019500220000
PHONE NUMBER: 303 468-0656 Ext 201		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input checked="" type="checkbox"/> SPUD REPORT Date of Spud: 10/30/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.		
NAME (PLEASE PRINT) Walter Lowry		PHONE NUMBER 303 884-5505
SIGNATURE N/A		TITLE Engineer
		DATE 10/31/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML49091
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: TIDEWATER OIL & GAS COMPANY, LLC		7. UNIT or CA AGREEMENT NAME: CRESCENT
3. ADDRESS OF OPERATOR: 110 16th St Ste 1220 , Denver, CO, 80202		8. WELL NAME and NUMBER: TIDEWATER STATE 15-13-2219
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1875 FSL 1254 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 22.0S Range: 19.0E Meridian: S		9. API NUMBER: 43019500220000
PHONE NUMBER: 303 468-0656 Ext 201		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/8/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. Attached are the Daily Drilling Reports for the referenced well from Spud (10/30/2012) to Rig Release (11/08/2012).		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY November 09, 2012		
NAME (PLEASE PRINT) Walter Lowry	PHONE NUMBER 303 884-5505	TITLE Engineer
SIGNATURE N/A	DATE 11/9/2012	

TIDEWATER OIL & GAS COMPANY LLC

DAILY DRILLING REPORT

Report Date: 10/31/12

Report Time: 0700 hrs

Operator: TIDEWATER OIL & GAS COMPANY LLC

State
Lease: ML49091

Field: Wildcat

Well Name: Tidewater State 15-13-2219 API 43-019-50022

Location: NWSW 1875' FSL & 1254' FWL

Contractor: Aztec Drilling Type: Vertical Elev 4677' graded

Section 15-T22S-R19E

Rig #: 580 Target: Entrada- Navajo- Wingate

Grand County, Utah

Current Operation:	Days From Spud:	Current Depth:	24 Hour Footage:	Hole Condition:	Hole Problems:
Drlg 12-1/4" surface hole @ 244'	0.5	NA	0	NA	NA

Summary: Pre-set 16" conductor casing at 52' RKB. Set ancjhrs. MIRU Aztec Rig #580. Line reserve pit. Fill rig tanks with fresh water. Mix spud mud. PU 12-1/4" bit & drill collars. **Spud well at 1900 hrs on 10/30/2012.**

Walt Lowry (Engineer/Company Man): 303-884-5505

Cum Cost: \$0

Mud Properties:	Depth: 150'	Weight: 8.6	Viscosity: 50	Gel Strength:		Water Loss:	Filter Cake:	pH: 8.5	Chlorides PPM: 9000	Calcium PPM: 100	Solids %: 1.5	Sand %: Tr	
Mud Pump:	Number: 1	Mnfctr: GD	Model: PZ-8	Stroke ("):		Liner ("):	Rod Size ("):	Number:	Mnfctr:	Model:	Stroke ("):	Liner ("):	Rod Size ("):
Drilling Parameters:	Depth Interval: 0-250'	Weight on Bit: 5-10	RPM: 60	Torque: 1800		Pump Press(PSI): 200	SPM: 100	Average Drill Rate:	Ave. FPM. DP.:	Ave. FPM. DC.:	FPS.:	Hydr. Hp.:	
Bit Record:	No./Size 1	Mnfctr: Unk	Type: Unk	IADC	Serial #:	Jets (# / 32nds): 3x16	Depth In (ft): 52	Depth Out (ft): 234	Footage: 182	FPH: 16.5	Rotating Hours:		Condition:
											Bit: 11.0	Cum. 11.0	

Surveys:	Depth: (ft.)	Degrees:	Azimuth	Depth: (ft)	Degrees	Azimuth	Depth: (ft.)	Degrees:	Azimuth	TVD	Build Assy
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To Time:	Hours:	OPERATIONS								COST:	Today:	Cum.:
0700-1900	12.00	Pre-set anchors with Western Anchor. Pre-set 16" conductor casing to 41' BGL with								Rig:		
		Pete Martin Rathole Drilling. Line reserve pit with Ksue Construction. MIRU Aztec Drilling								Mud:		
		Rig #580.								Chemicals/ Water/ Air:		
1900-1930	0.50	MU 12-1/4" bit and bell sub. PU 6-1/4" DC's.								Bit/ Rmr:		
1930-0215	6.75	SPUD WELL @ 1900 HRS ON 10/30/12. Drill 12-1/4" surface hole from 52'- 149' RKB.								Rentals:		
0215-0245	0.50	Circulate. Run wireline inclination survey. 1.0 degrees at 149'.								Geologist & Mudlogger:		
0245-0700	4.25	Drill 12-1/4" surface hole from 149'-234'.								Supr:		
										Fuel/ Lube:		
										Logs:		
										Wellhead, Tbg & Csg		
										Cmt & Cmtg:		
										Back Off		
										Mob/Dmob		
										Directional		
										Trucking:		
										Fishing		
										Road/Location		
										Miscellaneous		
Total	24.00									Total:		
Mud Gas Units:	BG:	Conn.:	Trip:	Gas Chromatograph					Formation %:			Shows:
				C1	C2	C3	C4	C5	Shale: 70%	Sand: 30%	Chalk:	
Hours:	DRLG:	Trip:	Rig Serv:	Clean Pit	Ream/ Wash:	Circ:	Log/ Csg Run:	Other:	Downtime		Totals:	
Today:	11.00	0.50						12.50	Repair:	Other:	Footage:	Daywork:
Cum.:	11.00	0.50						12.50				24.00

TIDEWATER OIL & GAS COMPANY LLC**DAILY DRILLING REPORT**

Report Date: 11/01/12

Report Time: 0700 hrs

Operator: **TIDEWATER OIL & GAS COMPANY LLC**State
Lease: ML49091

Field: Wildcat

Well Name: Tidewater State 15-13-2219 API 43-019-50022

Location: NWSW 1875' FSL & 1254' FWL

Contractor: Aztec Drilling Type: Vertical Elev 4677' graded

Section 15-T22S-R19E

Rig #: 580 Target: Entrada- Navajo- Wingate

Grand County, Utah

Current Operation: Waiting On Cement	Days From Spud: 1.5	Current Depth: 375'	24 Hour Footage: 141'	Hole Condition: Tight with bridges	Hole Problems: Bridges f/ 240'-300'
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Summary: Drill 12-1/4" hole from 234'-375' (TD of surface hole). Circulate & condition hole. Drop survey at 357'- 2.75°. Hang swivel, LD 5 joints DP & rack DC's. Pump pill & TOOH. Work through minor tight spots. Held JSM with Weatherford casing crew. RU casing crew. Run 9 joints (378.41') of 8-5/8" 24.0 ppf J55 STC surface casing. Work casing through tight spots from 220'-325'. MU casing swage and circulate 3 joints through tight spots. Tag bottom at 375'. Last 2 joints ran smooth with no tight spots. Pason Gas spiked 4-5 times between 235 and 351 units. RD Weatherford casing crew. RU Baker Hughes to cement surface casing. Hold JSM with rig crew and Baker Hughes. Mix & pump surface casing cement. Good returns throughout job. Return ~15 bbls cement to surface. Floats held. Cement remained at surface. RD Baker Hughes. WOC.

Walt Lowry (Engineer/Company Man): 303-884-5505

Cum Cost: \$0

Mud Properties:	Depth: 375'	Weight: 9.3	Viscosity: 49	Gel Strength: 6/8/12		Water Loss: 12.0	Filter Cake: 2/32	pH: 9	Chlorides PPM: 9000	Calcium PPM: 100	Solids %: 4.0	Sand %: Trace	
Mud Pump:	Number: 1	Mnfctr: GD	Model: PZ-8	Stroke ("): 8		Liner ("): 6	Rod Size ("): 	Number: 	Mnfctr: 	Model: 	Stroke ("): 	Liner ("): 	Rod Size ("):
Drilling Parameters:	Depth Interval: 234'-375'	Weight on Bit: 5-16	RPM: 120	Torque: 2100-2600		Pump Press(PSI): 100	SPM: 100	Average Drill Rate: 15.4	Ave. FPM. DP.: 	Ave. FPM. DC.: 	FPS.: 	Hydr. Hp.: 	
Bit Record:	No./Size 1-RR	Mnfctr: Unk	Type: Unk	IADC	Serial #: Unk	Jets (# / 32nds): 3x16	Depth In (ft): 52	Depth Out (ft): 375	Footage: 323	FPH: 15.4	Rotating Hours:		Condition:
											Bit: 21.0	Cum. 21.0	4-6-IN
Surveys:	Depth: (ft.) 149'	Degrees: 1°	Azimuth	Depth: (ft) 357'		Degrees 2.75°	Azimuth	Depth: (ft.)	Degrees:	Azimuth	TVD	Build Assmblly	

To Time:	Hours:	OPERATIONS								COST:	Today:	Cum.:
0700-1700	10.00	Drill 12-1/4" surface hole from 234'-375'.								Rig:		
1700-1745	0.75	Circulate & condition mud and hole for casing operations.								Mud:		
1745-1800	0.25	Drop inclination survey. (2.75° @ 357')								Chemicals/ Water/ Air:		
1800-2000	2.00	Pump pill & TOOH laying down 5 jts DP and standing collars in derrick. Pulled tight in a few places between 300' & 220'. Work through and ream tight spots.								Bit/ Rmr:		
										Rentals:		
2000-0100	5.00	Hold JSM w/ Weatherford casing crews. RU Weatherford. MU float shoe, shoe joint (42.29') & FC. Place bow spring centralizers on middle of shoe joint, middle of next joint, and second casing collar, then every other collar for the next 5 collars. Run 9 joints (378.41') of 8-5/8" 24.0 ppf J55 STC surface casing. Work through and circulate through bridges from 220'-325'. Last 2 jts ran smoothly. Tag bottom and PU 2'. RD casers.								Geologist & Mudlogger:		
										Supr:		
										Fuel/ Lube:		
										Logs:		
										Wellhead, Tbg & Csg		
0100-0245	1.75	RU Baker Hughes. Hold JSM with rig crew. Pressure test lines to 2500 psi. Held OK. Pump 10 bbls dyed FW spacer + 10 bbls gelled spacer + 10 bbls dyed FW spacer. Mix & pump 260 sx Class G cement + 0.032 lb/sx static free + 2% bwoc calcium chloride + 0.25 lb/sx cello flake + 0.3% bwoc sodium metasilicate + 44.3% fresh water mixed at 15.8 ppg with yield of 1.17 cu ft/sx and 5.0 gal/sx mix water. Pump 54 bbls cement and displace with 21.4 bbls fresh water. Good returns throughout job. Return 15 bbls cement to surface. Pump 100% excess over gauge. Bump plug with 500 psi. Floats held. RD Baker.								Cmt & Cmtg:		
										Back Off		
										Mob/Dmob		
										Directional		
										Trucking:		
										Fishing		
										Road/Location		
0245-0700	4.25	WOC								Miscellaneous		
Total	24.00									Total:		
Mud Gas Units:	BG:	Conn.:	Trip:	Gas Chromatograph					Formation %:			Shows:
			351 u	C1	C2	C3	C4	C5	Shale: 50%	Sand: 50%	Chalk:	
Hours:	DRLG:	Trip:	Rig Serv:	Clean Pit	Ream/ Wash:	Circ:	Log/ Csg Run:	Other:	Downtime		Totals:	
Today:	10.00	2.00				0.50	6.75	4.75	Repair:	Other:	Footage:	Daywork:
Cum.:	21.00	2.50				0.50	6.75	17.25				48.00

TIDEWATER OIL & GAS COMPANY LLC

DAILY DRILLING REPORT

Report Date: 11/02/12

Report Time: 0700 hrs

Operator: TIDEWATER OIL & GAS COMPANY LLC

State
Lease: ML49091

Field: Wildcat

Well Name: Tidewater State 15-13-2219 API 43-019-50022

Location: NWSW 1875' FSL & 1254' FWL

Contractor: Aztec Drilling Type: Vertical Elev 4677' graded

Section 15-T22S-R19E

Rig #: 580 Target: Entrada- Navajo- Wingate

Grand County, Utah

Current Operation: Drilling 7-7/8" hole @ 458'	Days From Spud: 2.5	Current Depth: 443'	24 Hour Footage: 70'	Hole Condition: Good	Hole Problems: Good
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Summary: WOC. Cut off landing joint and weld on casing head. Nipple up and test BOPE. Slip & cut drilling line. PU mud motor, bit, DCs & TIH. Drill out float collar, shoe joint & float shoe. Drill 7-7/8" production hole from 375'- 443'.

Walt Lowry (Engineer/Company Man): 303-884-5505

Cum Cost: \$0

Mud Properties:	Depth: 450'	Weight: 9.1	Viscosity: 45	Gel Strength:	Water Loss:	Filter Cake:	pH: 9	Chlorides PPM:	Calcium PPM:	Solids %:	Sand %:	
Mud Pump:	Number: 1	Mnfr: GD	Model: PZ-8	Stroke ("): 8	Liner ("): 6	Rod Size ("): 100	Number: 100	Mnfr:	Model:	Stroke ("): 100	Liner ("): 100	Rod Size ("): 100
Drilling Parameters:	Depth Interval: 375-500	Weight on Bit: <10	RPM: 60	Torque: 1800-2300	Pump Press(PSI): 100	SPM: 100	Average Drill Rate:	Ave. FPM. DP.: 15.4	Ave. FPM. DC.: 70.0	FPS.: 1.0	Hydr. Hp.: 22.0	
Bit Record:	No./Size: 1-RR 2	Mnfr: Unk HTC	Type: Unk Q506FX	IADC: Unk 7030775	Serial #: 3x16 6x16	Jets (# / 32nds): 52 375	Depth In (ft): 375 445	Depth Out (ft): 323 70	Footage: 15.4 70.0	Rotating Hours:		Condition:
										Bit: 21.0 1.0	Cum. 21.0 22.0	4-6-IN

Surveys:	Depth: (ft.) 149'	Degrees: 1°	Azimuth	Depth: (ft.) 357'	Degrees 2.75°	Azimuth	Depth: (ft.)	Degrees:	Azimuth	TVD	Build Assembly
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To Time:	Hours:	OPERATIONS								COST:	Today:	Cum.:
0700-1030	3.50	WOC								Rig:		
1030-1530	5.00	Cut off landing joint. Weld on 8-5/8" x 11" 3M casing head. Test weld to 1500 psi. Held OK.								Mud:		
1530-0015	8.75	NU & test BOPE. Test blind rams and pipe rams to 3,000 psi. Test annular preventor to psi. Test choke & kill lines to 3M. Test lower kelly valve, choke manifold & safety valve to 3M. Test casing to 1500 psi. All held OK for 10 min, casing held for 30 min.								Chemicals/ Water/ Air:		
										Bit/ Rmr:		
										Rentals:		
0015-0145	1.50	Slip & cut drilling line.								Geologist & Mudlogger:		
0145-0430	2.75	PU mud motor and HTC PDC bit. TIH / drill collars. BHA: Bit, mud motor, 10- 6.25" DC's, jars, 2- 6.25" DCs.								Supr:		
										Fuel/ Lube:		
0430-0600	1.50	Drill float collar, shoe joint cement & float shoe.								Logs:		
0600-0700	1.00	Drill new formation from 375'- 443'.								Wellhead, Tbg & Csg		
										Cmt & Cmtg:		
										BOP Test		
										Mob/Dmob		
										Directional		
										Trucking:		
										Fishing		
										Road/Location		
0245-0700										Miscellaneous		
Total	24.00									Total:		
Mud Gas Units:	BG:	Conn.:	Trip:	Gas Chromatograph					Formation %:			Shows:
	14 u	18 u		C1	C2	C3	C4	C5	Shale:	Sand:	Siltstone	100%
Hours:	DRLG:	Trip:	Rig Serv:	Clean Pit	Ream/ Wash:	Circ:	Log/ Csg Run:	Other:	Downtime		Totals:	
Today:	1.00	2.75	1.50					18.75	Repair:	Other:	Footage:	Daywork:
Cum.:	22.00	5.25	1.50			0.50	6.75	36.00				72.00

TIDEWATER OIL & GAS COMPANY LLC

DAILY DRILLING REPORT

Report Date: 11/03/12

Report Time: 0700 hrs

Operator: TIDEWATER OIL & GAS COMPANY LLC

State
Lease: ML49091

Field: Wildcat

Well Name: Tidewater State 15-13-2219

API 43-019-50022

Location: NWSW 1875' FSL & 1254' FWL

Contractor: Aztec Drilling

Type: Vertical

Elev 4677' graded

Section 15-T22S-R19E

Rig #: 580

Target: Entrada- Navajo- Wingate

Grand County, Utah

Current Operation:	Days From Spud:	Current Depth:	24 Hour Footage:	Hole Condition:	Hole Problems:
Rig repair- change out swivel	3.5	668'	225'	Good	Excessive deviation

Summary: Drill 12-1/4" surface hole from 443'- 668'. Run inclination survey @ 596'. Deviation was 6°. Suspend drilling and wait on orders for deviation correction. Decision made to order out directional tools to make a correction run for deviation. Circulate and WO directional tools and personnel. Run wireline survey to verify inclination- 5.25° at 596'. Continue circulating while waiting on directional tools. Directional driller and directional tools arrived on location at 1030 hours. POOH and LD 4 DCs and straight hole motor. PU bent mud motor, 2 monel drill collars, and 12 SWDP. TIH w/ new directional BHA to correct deviation and control drill remainder of well. Take survey on bottomw/ MWD- 5.4° at 4.0° azimuth. Rig repair- change out power swivel.

Walt Lowry (Engineer/Company Man): 303-884-5505

Cum Cost: \$0

Mud Properties:	Depth: 668'	Weight: 9.1	Viscosity: 45	Gel Strength:		Water Loss:	Filter Cake:	pH: 9	Chlorides PPM:	Calcium PPM:	Solids %:	Sand %:	
Mud Pump:	Number: 1	Mnfctr: GD	Model: PZ-8	Stroke ("):		Liner ("):	Rod Size ("):	Number:	Mnfctr:	Model:	Stroke ("):	Liner ("):	Rod Size ("):
Drilling Parameters:	Depth Interval: 443-662	Weight on Bit: <5K	RPM: 60	Torque: 1800-2300		Pump Press(PSI): 100	SPM: 100	Average Drill Rate:	Ave. FPM. DP.:	Ave. FPM. DC.:	FPS.:	Hydr. Hp.:	
Bit Record:	No./Size 1-RR 2	Mnfctr: Unk HTC	Type: Unk Q506FX	IADC	Serial #: Unk 7030775	Jets (# / 32nds): 3x16 6x16	Depth In (ft): 52 375	Depth Out (ft): 375 668	Footage: 323 293	FPH: 15.4 78.1	Rotating Hours:		Condition: 4-6-IN
											Bit: 21.00 3.75	Cum. 21.00 24.75	

Surveys:	Depth: (ft.)	Degrees:	Azimuth	Depth: (ft)	Degrees	Azimuth	Depth: (ft.)	Degrees:	Azimuth	TVD	Build Assembly
	668'	5.4°	4°								

To Time:	Hours:	OPERATIONS								COST:	Today:	Cum.:
0700-0945	2.75	Drill 12-1/4" hole from 443'- 668'.								Rig:		
0945-1015	0.50	Run WL inclination survey. Deviation showed 6.0° at 596'.								Mud:		
1015-1045	0.50	Circulate and wait on orders.								Chemicals/ Water/ Air:		
1045-1115	0.50	Run WL inclination survey to confirm deviation. Survey was 5.25° at 596'.								Bit/ Rmr:		
1115-2025	9.50	Circulate and wait on directional driller and directional tools.								Rentals:		
2025-0530	8.75	Hang back swivel. POOH and LD 8 joints of DP and 6 DCs. Finish TOO. LD								Geologist & Mudlogger:		
		straight hole motor. PU bent motor & directional tools. TIH.								Supr:		
0530-0600	0.50	Rig service.								Fuel/ Lube:		
0600-0700	1.00	Troubleshoot brakes on power swivel.								Logs:		
										Wellhead, Tbg & Csg		
										Cmt & Cmtg:		
		NOTE: Rig move cost has been adjusted. Estimated cost includes Triple S Trucking charges for moving all rental equipment (5 trailer houses, 2 septic tanks, potable water tanks, rental SWDP, rental jars, rental mud motor, trash basket, fork lift, 3 generators. Normal rig move is 25 loads and Triple S Trucking moved 38 loads. Estimated cost of moving only the rig components is \$40,132. Triple S incurred an extra day of expenses due to being shut down in the middle of the rig move by the Grand County Road Department for dust control.								BOP Test		
										Mob/Dmob		
										Directional		
										Trucking:		
										Fishing		
										Road/Location		
										Miscellaneous		
Total	24.00									Total:		
Mud Gas Units:	BG:	Conn.:	Trip:	Gas Chromatograph					Formation %:			Shows:
				C1	C2	C3	C4	C5	Shale:	Sand:	Siltstone	
Hours:	DRLG:	Trip:	Rig Serv:	Clean Pit	Ream/ Wash:	Circ:	Log/ Csg Run:	Other:	Downtime		Totals:	
Today:	2.75	8.75	0.50			10.00		1.00	Repair:	Other:	Footage:	Daywork:
Cum.:	24.75	14.00	2.00			10.50	6.75	37.00	1.00			96.00

TIDEWATER OIL & GAS COMPANY LLC

DAILY DRILLING REPORT

Report Date: 11/04/12

Report Time: 0700 hrs

Operator: TIDEWATER OIL & GAS COMPANY LLC

State
Lease: ML49091

Field: Wildcat

Well Name: Tidewater State 15-13-2219 API 43-019-50022

Location: NWSW 1875' FSL & 1254' FWL

Contractor: Aztec Drilling Type: Vertical Elev 4677' graded

Section 15-T22S-R19E

Rig #: 580 Target: Entrada- Navajo- Wingate

Grand County, Utah

Current Operation:	Days From Spud:	Current Depth:	24 Hour Footage:	Hole Condition:	Hole Problems:
Control drill vertical hole @ 1441'	4.5	1441'	779'	Good	High natural deviation

Summary: Change out power swivel. Power swivel brakes were not holding during slides while directional control drilling. Control drill 7-7/8" production hole with directional tools from 662'- 1441'.

Walt Lowry (Engineer/Company Man): 303-884-5505

Cum Cost: \$0

Mud Properties:	Depth: 1129	Weight: 8.9	Viscosity: 41	Gel Strength: 5/9/11		Water Loss: 10.0	Filter Cake: 1/32	pH: 9.0	Chlorides PPM: 300	Calcium PPM: 100	Solids %: 3.0	Sand %: TR	
Mud Pump:	Number: 1	Mnfctr: GD	Model: PZ-8	Stroke ("): 8		Liner ("): 6	Rod Size ("): 	Number: 	Mnfctr: 	Model: 	Stroke ("): 	Liner ("): 	Rod Size ("):
Drilling Parameters:	Depth Interval: 662-1441	Weight on Bit: 7-12M	RPM: 60	Torque: 1800-4000		Pump Press(PSI): 515	SPM: 108	Average Drill Rate: 	Ave. FPM. DP.: 293	Ave. FPM. DC.: 293	FPS.: 	Jet Velocity 84	
Bit Record:	No./Size	Mnfctr:	Type:	IADC	Serial #:	Jets (# / 32nds):	Depth In (ft):	Depth Out (ft):	Footage:	FPH:	Rotating Hours:		Condition:
	1-RR 2	Unk HTC	Unk Q506FX		Unk 7030775	3x16 6x16	52 375	375 1441	323 1066	15.4 78.1	Bit: 21.00 25.75	Cum. 21.00 46.75	4-6-IN

Surveys:	Depth: (ft.)	Degrees:	Azimuth	Depth: (ft)	Degrees	Azimuth	Depth: (ft.)	Degrees:	Azimuth	TVD	Build Assembly
	See Attached Survey Report										

To Time:	Hours:	OPERATIONS								COST:	Today:	Cum.:
0700-0830	1.50	Rig Repair- CO power swivel. Brakes were not holding for slides while control slide drilling.								Rig:		
0830-0900	0.50	MU joint of DP and tag bottom. Brakes on power swivel working.								Mud:		
0900-0600	22.00	Control drill 7-7/8" production hole with directional tools from 662'-1441'.								Chemicals/ Water/ Air:		
										Bit/ Rmr:		
		PU weight= 57K								Rentals:		
		Rot Weight= 46K								Geologist & Mudlogger:		
		Slack Off weight= 38K								Supr:		
										Fuel/ Lube:		
										Logs:		
										Wellhead, Tbg & Csg		
										Cmt & Cmtg:		
										BOP Test		
										Mob/Dmob		
		NOTES:								Directional		
		1. Ksue Construction began construction of drilling pad for Tidewater Federal 24-32-2118.								Trucking:		
		2. Ksue Construction watering roads to TW FED 12-24D-2118 & TW ST 15-13-2219 as necessary to minimize dust.								Fishing		
										Road/Location		
										Miscellaneous		
Total	24.00									Total:		
Mud Gas Units:	BG:	Conn.:	Trip:	Gas Chromatograph					Formation %:			Shows:
	3u		5u	C1	C2	C3	C4	C5	Shale:	Sand:	Siltstone	
										100%		
Hours:	DRLG:	Trip:	Rig Serv:	Clean Pit	Ream/ Wash:	Circ:	Log/ Csg Run:	Other:	Downtime		Totals:	
Today:	22.00								Repair:	Other:	Footage:	Daywork:
Cum.:	46.75	14.00	2.00			10.50	6.75	37.00	3.00			120.00

TIDEWATER OIL & GAS COMPANY LLC

DAILY DRILLING REPORT

Report Date: 11/05/12

Report Time: 0700 hrs

Operator: TIDEWATER OIL & GAS COMPANY LLC

State
Lease: ML49091

Field: Wildcat

Well Name: Tidewater State 15-13-2219 API 43-019-50022

Location: NWSW 1875' FSL & 1254' FWL

Contractor: Aztec Drilling Type: Vertical Elev 4677' graded

Section 15-T22S-R19E

Rig #: 580 Target: Entrada- Navajo- Wingate

Grand County, Utah

Current Operation:	Days From Spud:	Current Depth:	24 Hour Footage:	Hole Condition:	Hole Problems:
Vertical drlg w/ dir tools @ 2033'	5.5	2005'	564'	Good	High natural deviation

Summary: Slide and rotate drilling 7-7/8" hole f/ 1441'- 1597'. Rig Repair- power swivel. Pull 2 stands of pipe and circulate while changing out power swivel. RIH to bottom. Slide and rotate f/ 1597'- 2005'.

Walt Lowry (Engineer/Company Man): 303-884-5505

Cum Cost: \$0

Mud Properties:	Depth: 2005'	Weight: 9.2	Viscosity: 44	Gel Strength: 7/11/15		Water Loss: 9.0	Filter Cake: 1/32	pH: 9.0	Chlorides PPM: 400	Calcium PPM: 100	Solids %: 4.0	Sand %: TR	
Mud Pump:	Number: 1	Mnfctr: GD	Model: PZ-8	Stroke ("): 8		Liner ("): 6	Rod Size ("):	Number:	Mnfctr:	Model:	Stroke ("):	Liner ("):	Rod Size ("):
Drilling Parameters:	Depth Interval: 1441-2005	Weight on Bit: 10-15M	RPM: 50	Torque: 4500-5500		Pump Press(PSI): 600	SPM: 108	Average Drill Rate: 36.0	Ave. FPM. DP.: 289	Ave. FPM. DC.: 289	FPS.:	Jet Velocity: 84	
Bit Record:	No./Size: 1-RR 2	Mnfctr: Unk HTC	Type: Unk Q506FX	IADC	Serial #: Unk 7030775	Jets (# / 32nds): 3x16 6x16	Depth In (ft): 52 375	Depth Out (ft): 375 2005	Footage: 323 1630	FPH: 15.4 36.0	Rotating Hours:		Condition: 4-6-IN
											Bit: 21.00 45.25	Cum. 21.00 66.25	

Surveys:	Depth: (ft.)	Degrees:	Azimuth	Depth: (ft)	Degrees	Azimuth	Depth: (ft.)	Degrees:	Azimuth	TVD	Build Assy
	See Attached Survey Report										

To Time:	Hours:	OPERATIONS								COST:	Today:	Cum.:
0700-1230	5.50	Slide & rotate while control drilling vertically f/ 1141'-1597'								Rig:		
1230-1300	0.50	Service rig.								Mud:		
1300-1700	4.00	Rig repair. Pull 2 stands off bottom to repair power swivel. Change out power swivel. Circulate and move pipe when possible while changing out swivel. Run 2 stands to bottom.								Chemicals/ Water/ Air:		
1700-0700	14.00	Slide & rotate while control drilling vertically f/ 1597'-2005'.								Geologist & Mudlogger:		
										Supr:		
										Fuel/ Lube:		
										Logs:		
										Wellhead, Tbg & Csg		
										Cmt & Cmtg:		
		NOTES:								BOP Test		
		1. Projected rig release on Friday 11/9/12.								Mob/Dmob		
		2. Next location for Tidewater Federal 24-32-2118 projected to be complete by 11/7/12								Directional		
										Trucking:		
										Water		
										Road/Location		
										Miscellaneous		
Total	24.00									Total:		
Mud Gas Units:	BG:	Conn.:	Trip:	Gas Chromatograph					Formation %:			Shows:
				C1	C2	C3	C4	C5	Shale:	Sand:	Siltstone	
										100%		
Hours:	DRLG:	Trip:	Rig Serv:	Clean Pit	Ream/ Wash:	Circ:	Log/ Csg Run:	Other:	Downtime		Totals:	
Today:	19.50		0.50						Repair:	Other:	Footage:	Daywork:
Cum.:	66.25	14.00	2.50			10.50	6.75	37.00	7.00			144.00

TIDEWATER OIL & GAS COMPANY LLC**DAILY DRILLING REPORT**

Report Date: 11/06/12

Report Time: 0700 hrs

Operator: **TIDEWATER OIL & GAS COMPANY LLC**State
Lease: ML49091

Field: Wildcat

Well Name: Tidewater State 15-13-2219 API 43-019-50022

Location: NWSW 1875' FSL & 1254' FWL

Contractor: Aztec Drilling Type: Vertical Elev 4677' graded

Section 15-T22S-R19E

Rig #: 580 Target: Entrada- Navajo- Wingate

Grand County, Utah

Current Operation: Vertical drlg w/ dir tools @ 2464'	Days From Spud: 6.5	Current Depth: 2464'	24 Hour Footage: 459'	Hole Condition: Good	Hole Problems: Drilling clay
--	------------------------	-------------------------	--------------------------	-------------------------	---------------------------------

Summary: Slide and rotate drilling 7-7/8" hole f/ 2005'- 2464'.**Walt Lowry (Engineer/Company Man): 303-884-5505**

Cum Cost: \$0

Mud Properties:	Depth: 2464'	Weight: 9.3	Viscosity: 52	Gel Strength: 6/15/24		Water Loss: 6.5	Filter Cake: 1/32	pH: 10.0	Chlorides PPM: 400	Calcium PPM: 100	Solids %: 6.0	Sand %: TR	
Mud Pump:	Number: 1	Mnfctr: GD	Model: PZ-8	Stroke ("): 8		Liner ("): 6	Rod Size ("):	Number:	Mnfctr:	Model:	Stroke ("):	Liner ("):	Rod Size ("):
Drilling Parameters:	Depth Interval: 2005-2464	Weight on Bit: 10-15M	RPM: 50	Torque: 3000-4000		Pump Press(PSI): 642	SPM: 110	Average Drill Rate:	Ave. FPM. DP.: 289	Ave. FPM. DC.: 289	FPS.:	Jet Velocity: 84	
Bit Record:	No./Size 1-RR 2	Mnfctr: Unk HTC	Type: Unk Q506FX	IADC	Serial #: Unk 7030775	Jets (# / 32nds): 3x16 6x16	Depth In (ft): 52 375	Depth Out (ft): 375 2464	Footage: 323 2089	FPH: 15.4 30.4	Rotating Hours:		Condition: 4-6-IN
											Bit: 21.00 68.75	Cum. 21.00 89.75	

Surveys:	Depth: (ft.)	Degrees:	Azimuth	Depth: (ft)	Degrees	Azimuth	Depth: (ft.)	Degrees:	Azimuth	TVD	Build Assembly
	See Attached Survey Report										

To Time:	Hours:	OPERATIONS								COST:	Today:	Cum.:
0700-1145	4.75	Slide & rotate while control drilling vertically f/ 2005'-2131'								Rig:		
1145-1215	0.50	Service rig.								Mud:		
1215-0700	18.75	Slide & rotate while control drilling vertically f/ 2131'- 2464'								Chemicals/ Water/ Air:		
										Bit/ Rmr:		
										Rentals:		
										Geologist & Mudlogger:		
										Supr:		
										Fuel/ Lube:		
										Logs:		
										Wellhead, Tbg & Csg		
										Cmt & Cmtg:		
		NOTES:								BOP Test		
		1. Beginning at ~2195' we began drilling a very soft, mushy claystone. There are no bits, including the PDC bit currently in the well, designed to drill this type of lithology. This has resulted in significantly lower than normal penetration rates.								Mob/Dmob		
		2. The #2 rig pump is down with a broken crankshaft. The entire pump will be replaced today sometime, and we will be unable to circulate during that time. It will be necessary to shut down before circulation is shut down.								Directional		
										Trucking:		
										Water		
										Road/Location		
										Miscellaneous		
Total	24.00									Total:		
Mud Gas Units:	BG:	Conn.:	Trip:	Gas Chromatograph					Formation %:			Shows:
				C1	C2	C3	C4	C5	Shale:	Sand:	Claystone	
											100%	
Hours:	DRLG:	Trip:	Rig Serv:	Clean Pit	Ream/ Wash:	Circ:	Log/ Csg Run:	Other:	Downtime		Totals:	
									Repair:	Other:	Footage:	Daywork:
Today:	23.50		0.50									24.00
Cum.:	89.75	14.00	3.00			10.50	6.75	37.00	7.00			168.00

TIDEWATER OIL & GAS COMPANY LLC**DAILY DRILLING REPORT**

Report Date: 11/07/12

Report Time: 0700 hrs

Operator: **TIDEWATER OIL & GAS COMPANY LLC**State
Lease: ML49091

Field: Wildcat

Well Name: Tidewater State 15-13-2219 API 43-019-50022

Location: NWSW 1875' FSL & 1254' FWL

Contractor: Aztec Drilling Type: Vertical Elev 4677' graded

Section 15-T22S-R19E

Rig #: 580 Target: Entrada- Navajo- Wingate

Grand County, Utah

Current Operation:	Days From Spud:	Current Depth:	24 Hour Footage:	Hole Condition:	Hole Problems:
LDDP & prep to run 5-1/2" casing	7.5	2565'	101'	Good	None

Summary: Slide and rotate drilling 7-7/8" hole f/ 2464'-2565' TD. TOOH and LD. RU loggers. Run electric logs. TIH to circulate and condition mud and wait on orders. Order given to run production casing. POOH & LDDP and prepare to run production casing.

Walt Lowry (Engineer/Company Man): 303-884-5505

Cum Cost: \$0

Mud Properties:	Depth: 2565'	Weight: 8.9	Viscosity: 52	Gel Strength: 7/12/20		Water Loss: 8.0	Filter Cake: 1/32	pH: 9.0	Chlorides PPM: 400	Calcium PPM: 100	Solids %: 4.5	Sand %: TR	
Mud Pump:	Number: 1	Mnfctr: GD	Model: PZ-8	Stroke ("): 8		Liner ("): 6	Rod Size ("):	Number:	Mnfctr:	Model:	Stroke ("):	Liner ("):	Rod Size ("):
Drilling Parameters:	Depth Interval: 2464-2565	Weight on Bit: 10-15M	RPM: 50	Torque: 3500-5500		Pump Press(PSI): 642	SPM: 110	Average Drill Rate: 14.4	Ave. FPM. DP.: 289	Ave. FPM. DC.: 289	FPS.:	Jet Velocity: 84	
Bit Record:	No./Size	Mnfctr:	Type:	IADC	Serial #:	Jets (# / 32nds):	Depth In (ft):	Depth Out (ft):	Footage:	FPH:	Rotating Hours:		Condition:
	1-RR 2	Unk HTC	Unk Q506FX		Unk 7030775	3x16 6x16	52 375	375 2565	323 2190	15.4 28.9	Bit: 21.00 75.75	Cum. 21.00 96.75	
Surveys:	Depth: (ft.)	Degrees:	Azimuth	Depth: (ft)		Degrees	Azimuth	Depth: (ft.)	Degrees:	Azimuth	TVD	Build Assyblly	
See Attached Survey Report													

To Time:	Hours:	OPERATIONS								COST:	Today:	Cum.:
0700-1400	7.00	Slide & rotate while control drilling vertically f/ 2464'- 2565' TD.								Rig:		
1400-1500	1.00	Circulate & condition mud for logs.								Mud:		
1500-1800	3.00	POOH and LD directional tools.								Chemicals/ Water/ Air:		
1800-1900	1.00	LD directional tools.								Bit/ Rmr:		
1900-2330	4.50	RU Baker Atlas to run electric logs. Run Quad-Combo. Loggers TD 2530'. Max temp- 95° F								Rentals:		
2330-0215	2.75	MU tri-cone bit with open jets. TIH to CCM to run 5-1/2" production casing.								Geologist & Mudlogger:		
0215-0430	2.25	CCM								Supr:		
0430-0700	2.50	POOH and LD drill string.								Fuel/ Lube:		
										Logs:		
		ALL ESTIMATED COSTS AFTER TODAY WILL BE CHARGED TO COMPLETION								Wellhead, Tbg & Csg		
										Cmt & Cmtg:		
		NOTES:								BOP Test		
		1. 2600' of 5-1/2" 17.0 ppf I80 LTC production casing arriving on location at report time.								Mob/Dmob		
		2. Conductor casing being set on Tidewater Federal 24-32-2118 well this morning.								Directional		
		3. Anchors to be set & tested on Tidewater Federal 24-32-2118 well this afternoon.								Trucking:		
		4. Trucks scheduled for Friday morning to move rig.								Water		
		5. Anticipate spud of Tidewater Federal 24-32-2118 well early Saturday morning.								Road/Location		
		6. Baker Hughes enroute to cement production casing on TW ST 15-13-2219								Miscellaneous		
Total	24.00									Total:		
Mud Gas Units:	BG:	Conn.:	Trip:	Gas Chromatograph					Formation %:			Shows:
				C1	C2	C3	C4	C5	Shale:	Sand:	Claystone	
											100%	
Hours:	DRLG:	Trip:	Rig Serv:	Clean Pit	Ream/ Wash:	Circ:	Log/ Csg Run:	Other:	Downtime		Totals:	
									Repair:	Other:	Footage:	Daywork:
Today:	7.00	9.25				3.25	4.50					24.00
Cum.:	96.75	23.25	3.00			13.75	11.25	37.00	7.00			192.00

TIDEWATER OIL & GAS COMPANY LLC**DAILY DRILLING REPORT**

Report Date: 11/08/12

Report Time: 0700 hrs

Operator: **TIDEWATER OIL & GAS COMPANY LLC**State
Lease: ML49091

Field: Wildcat

Well Name: Tidewater State 15-13-2219 API 43-019-50022

Location: NWSW 1875' FSL & 1254' FWL

Contractor: Aztec Drilling Type: Vertical Elev 4677' graded

Section 15-T22S-R19E

Rig #: 580 Target: Entrada- Navajo- Wingate

Grand County, Utah

Current Operation:	Days From Spud:	Current Depth:	24 Hour Footage:	Hole Condition:	Hole Problems:
Release rig @ 0700 hrs	8.5	PBTD @ 2529'			

Summary: Finish LDDP & BHA. LD power swivel. Unload 5-1/2" casing and clean & drift same. RU casing crew and run 2529' of 5-1/2" 17.0 ppf I80 LTC casing. RU Baker Hughes cementers. Cement 5-1/2" casing.

Walt Lowry (Engineer/Company Man): 303-884-5505

Cum Cost: \$0

Mud Properties:	Depth: 2565'	Weight: 8.9	Viscosity: 50	Gel Strength: 6/15/21		Water Loss: 8.0	Filter Cake: 1/32	pH: 9.0	Chlorides PPM: 400	Calcium PPM: 100	Solids %: 5.0	Sand %: TR	
Mud Pump:	Number: 1	Mnfctr: GD	Model: PZ-8	Stroke ("): 8		Liner ("): 6	Rod Size ("):	Number:	Mnfctr:	Model:	Stroke ("):	Liner ("):	Rod Size ("):
Drilling Parameters:	Depth Interval:	Weight on Bit	RPM:	Torque:		Pump Press(PSI):	SPM:	Average Drill Rate:	Ave. FPM. DP.:	Ave. FPM. DC.:	FPS.:	Jet Velocity	
Bit Record:	No./Size 1-RR 2	Mnfctr: Unk HTC	Type: Unk Q506FX	IADC	Serial #: Unk 7030775	Jets (# / 32nds): 3x16 6x16	Depth In (ft): 52 375	Depth Out (ft): 375 2565	Footage: 323 2190	FPH: 15.4 28.9	Rotating Hours:		Condition: 4-6-IN Like new
											Bit: 21.00 75.75	Cum. 21.00 96.75	
Surveys:	Depth: (ft.)	Degrees:	Azimuth	Depth: (ft)		Degrees	Azimuth	Depth: (ft.)	Degrees:	Azimuth	TVD	Build Assmblly	
See Attached Survey Report													

To Time:	Hours:	OPERATIONS								COST:	Today:	Cum.:
0700-0930	2.50	Finish TOO H & LDDP and BHA. LD swivel.								Rig:		
0930-1130	2.00	Unload 5-1/2" casing. Clean, drift & tally casing.								Mud:		
1130-1515	3.75	Hold safety meeting. RU Weatherford casing crew. Run 57 joints (2529') 5-1/2" 17#								Chemicals/ Water/ Air:		
		I80 LTC production casing. Tag bottom at 2553'. (Run FS, FC, and 15 centralizers)								Bit/ Rmr:		
1515-1800	2.75	Circulate and condition hole.								Rentals:		
1800-1930	1.50	Hold safety meeting. RU Baker Hughes cementers. Test lines to 3900 psi. Held ok.								Geologist & Mudlogger:		
		Pump 20 bbls Ultra Flush spacer + 3 gal/bbl US-40 surfactant. Mix & pump 285 sx Premium Lite								Supr:		
		High Strength cement + 0.1% bwoc R-3 + 0.25 #/sx celloflake + 5 #/sx Kol-Seal + 0.002 gps								Fuel/ Lube:		
		FP-6L + 0.3% bwoc BA-59 + 0.7% bwoc FL-57. Drop plug and displace cement with FW + clay								Logs:		
		fix. Bump plug @ 1900 hrs with 1700 psi. Floats held. Return 15 bbls good								Wellhead, Tbg & Csg		
		cement to surface. RD Baker Hughes.								Cmt & Cmtg:		
1930-2400	4.50	ND BOPE. Set slips with 70,000# on slips. Finish ND BOPE.								BOP Test		
2400-0700	7.00	Clean pits and RELEASE RIG AT 0700 HRS ON 11/08/12.								Mob/Dmob		
										Directional		
		NOTE: All estimated costs for today should be coded to completion operations.								Trucking:		
										Water		
										Road/Location		
										Miscellaneous		
Total	24.00									Total:		
Mud Gas Units:	BG:	Conn.:	Trip:	Gas Chromatograph					Formation %:			Shows:
				C1	C2	C3	C4	C5	Shale:	Sand:	Claystone	
											100%	
Hours:	DRLG:	Trip:	Rig Serv:	Clean Pit	Ream/ Wash:	Circ:	Log/ Csg Run:	Other:	Downtime		Totals:	
									Repair:	Other:	Footage:	Daywork:
Today:		2.50		7.00		2.75	5.25	6.50				24.00
Cum.:	96.75	25.75	3.00	7.00		16.50	16.50	43.50	7.00			216.00

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

ENTITY ACTION FORM

Operator: Tidewater Oil & Gas Company LLC

Operator Account Number: N 3000

Address: 110 16th Street, Suite 405

city Denver

state CO

zip 80202

Phone Number: (303) 468-0656

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
4301950022	Tidewater State 15-13-2219		NWSW	15	22S	19E	Grand
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
B	99999	18804	10/30/2012				
Comments: <u>Chin</u> <div style="float: right; font-weight: bold; font-size: 1.2em;">CONFIDENTIAL</div>							

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date			Entity Assignment Effective Date	
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Walter D. Lowry

Name (Please Print)

Signature
Operations Manager

Title

11/4/2012

Date

RECEIVED

NOV 08 2012

(5/2000)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML49091
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: TIDEWATER OIL & GAS COMPANY, LLC		7. UNIT or CA AGREEMENT NAME: CRESCENT
3. ADDRESS OF OPERATOR: 110 16th St Ste 1220 , Denver, CO, 80202		8. WELL NAME and NUMBER: TIDEWATER STATE 15-13-2219
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1875 FSL 1254 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 22.0S Range: 19.0E Meridian: S		9. API NUMBER: 43019500220000
PHONE NUMBER: 303 468-0656 Ext 201		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 12/3/2012 <input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100%;" type="text"/> </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex;"> <div style="flex: 1;"> <p>Tidewater intends to plug back this well and attempt a completion in another zone. Currently, there are existing perforations in the Entrada zone at 1810'-1822' and the Moab Tongue zone at 1568'-1582' (both Jurassic aged strata). There is a CIBP set between these existing sets of perforations at 1775' Tidewater proposes to set a 55 sx cement plug mixed at 15.8 ppg with a yield of 1.16 cf/sx from 1775' (the top of the existing CIBP) to approximately 1450' (118' above the top Moab Tongue perforation). These plug back procedures were discussed with and tentatively approved by Dan Jarvis at ~1930 hrs on 12/02/12. After setting a plug over the existing Moab Tongue perforations, Tidewater intends to attempt a completion in the Brushy Basin formation from perforations at 516'-530'.</p> </div> <div style="flex: 0.5; text-align: right; padding-right: 10px;"> <p style="color: red; font-weight: bold;">Approved by the Utah Division of Oil, Gas and Mining</p> <p style="color: red; font-weight: bold;">Date: December 04, 2012</p> <p style="color: red; font-weight: bold;">By: Signature</p> </div> </div>		



The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43019500220000

Tag plug to ensure it is at the depth specified in the proposal (1450').

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

CONFIDENTIAL

FORM 8

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____

b. TYPE OF WORK: NEW WELL ☒ HORIZ. LATS. ☐ DEEP-EN ☐ RE-ENTRY ☐ DIFF. RESVR. ☐ OTHER _____

2. NAME OF OPERATOR:
Tidewater Oil & Gas Company LLC

3. ADDRESS OF OPERATOR:
110 16th Street Ste 405 CITY Denver STATE CO ZIP 80202 PHONE NUMBER: (303) 468-0656

4. LOCATION OF WELL (FOOTAGES)
AT SURFACE: 1875' FSL & 1254' FWL
AT TOP PRODUCING INTERVAL REPORTED BELOW: 1875' FSL & 1254' FWL
AT TOTAL DEPTH: 1931' FSL & 1254' FWL BHL by HSM

5. LEASE DESIGNATION AND SERIAL NUMBER:
ML49091

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
NA

7. UNIT or CA AGREEMENT NAME
Crescent Unit

8. WELL NAME and NUMBER:
Tidewater State 15-13-2219

9. API NUMBER:
4301950022

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
NWSW 15 22S 19E 6

12. COUNTY
Grand

13. STATE
UTAH

RECEIVED

JAN 10 2013

ABANDONED ☐ READY TO PRODUCE ☒

DIV. OF OIL, GAS & MINING

14. DATE SPURRED: 10/30/2012 15. DATE T.D. REACHED: 11/6/2012 16. DATE COMPLETED: 12/12/2012

17. ELEVATIONS (DF, RKB, RT, GL): 4677' GL

18. TOTAL DEPTH: MD 2,565 TVD 2,565 19. PLUG BACK T.D.: MD 1,456 TVD 1,456 20. IF MULTIPLE COMPLETIONS, HOW MANY? *

21. DEPTH BRIDGE MD 1,775 PLUG SET: TVD 1,775

22. TYPE ELECTRIC AND OTHER MECHANICAL LOGS RUN (Submit copy of each)
DIL/CNL/FDC/BHC Sonic/GR/CAL

23. WAS WELL CORED? NO ☒ YES ☐ (Submit analysis)
WAS DST RUN? NO ☒ YES ☐ (Submit report)
DIRECTIONAL SURVEY? NO ☐ YES ☒ (Submit copy)

24. CASING AND LINER RECORD (Report all strings set in well)

HOLE SIZE	SIZE/GRADE	WEIGHT (#/ft)	TOP (MD)	BOTTOM (MD)	STAGE CEMENTER DEPTH	CEMENT TYPE & NO. OF SACKS	SLURRY VOLUME (BBL)	CEMENT TOP **	AMOUNT PULLED
20"	16" H40	65.0	0	41		Class 75	12	0 CIR	0
12.25"	8.625" J55	24.0	0	375		Class 260	40	0 CIR	0
7.875"	5.5" L80	17.0	0	2,530		Class 285	42	0 CBL	0

25. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
2.875"	545	490						

26. PRODUCING INTERVALS

FORMATION NAME	TOP (MD)	BOTTOM (MD)	TOP (TVD)	BOTTOM (TVD)	INTERVAL (Top/Bot - MD)	SIZE	NO. HOLES	PERFORATION STATUS
(A) Brushy Basin	516	546	516	546	1,810 1,822	0.39	48	Open <input type="checkbox"/> Squeezed <input checked="" type="checkbox"/>
(B)					1,568 1,582	0.39	64	Open <input type="checkbox"/> Squeezed <input checked="" type="checkbox"/>
(C)					516 530	0.39	56	Open <input checked="" type="checkbox"/> Squeezed <input type="checkbox"/>
(D)								Open <input type="checkbox"/> Squeezed <input type="checkbox"/>

27. PERFORATION RECORD

28. ACID, FRACTURE, TREATMENT, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND TYPE OF MATERIAL
1810'-1822'	1000 gal 15% HCl acid + 1% Musol + .1% iron sequestering agent + .2% corrosion inhibitor
1568'-1582'	1000 gal 15% HCl acid + 1% Musol + .1% iron sequestering agent + .2% corrosion inhibitor
516'-530'	1000 gal 15% HCl acid + 1% Musol + .1% iron sequestering agent + .2% corrosion inhibitor

29. ENCLOSED ATTACHMENTS:

☒ ELECTRICAL/MECHANICAL LOGS ☐ GEOLOGIC REPORT ☐ DST REPORT ☒ DIRECTIONAL SURVEY
☐ SUNDRY NOTICE FOR PLUGGING AND CEMENT VERIFICATION ☐ CORE ANALYSIS ☐ OTHER: _____

30. WELL STATUS:

Shut-in

31. INITIAL PRODUCTION

INTERVAL A (As shown in Item #26)

DATE FIRST PRODUCED: 12/9/2012		TEST DATE: 12/12/2012		HOURS TESTED: 24		TEST PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 160	WATER – BBL: 48	PROD. METHOD: Flow test
CHOKE SIZE: 32/64"	TBG. PRESS. 35	CSG. PRESS. 3	API GRAVITY	BTU – GAS 997	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL: 0	GAS – MCF: 160	WATER – BBL: 48	INTERVAL STATUS: SI

INTERVAL B (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

INTERVAL C (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU - GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL - BBL:	GAS - MCF:	WATER - BBL:	INTERVAL STATUS:

INTERVAL D (As shown in Item #26)

DATE FIRST PRODUCED:		TEST DATE:		HOURS TESTED:		TEST PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	PROD. METHOD:
CHOKE SIZE:	TBG. PRESS.	CSG. PRESS.	API GRAVITY	BTU – GAS	GAS/OIL RATIO	24 HR PRODUCTION RATES: →	OIL – BBL:	GAS – MCF:	WATER – BBL:	INTERVAL STATUS:

32. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, Etc.)

Vented

33. SUMMARY OF POROUS ZONES (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

34. FORMATION (Log) MARKERS:

Formation	Top (MD)	Bottom (MD)	Descriptions, Contents, etc.	Name	Top (Measured Depth)
Brushy Basin	516	546	Gas, Water	Brushy Basin	516
Moab Tongue	1,562	1,630	Water	Moab Tongue	1,568
Entrada	1,810	1,830	Water	Entrada	1,810

35. ADDITIONAL REMARKS (include plugging procedure)

CIBP set at 1775' above Entrada perms f/ 1810.-1822'. Cement plug set f/ 1775'- 1456' over Moab Tongue perms. Verified by tag.

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

NAME (PLEASE PRINT) Walter LowryTITLE Operations managerSIGNATURE DATE 12/14/2012

This report must be submitted within 30 days of

- completing or plugging a new well
- drilling horizontal laterals from an existing well bore
- recompleting to a different producing formation
- reentering a previously plugged and abandoned well
- significantly deepening an existing well bore below the previous bottom-hole depth
- drilling hydrocarbon exploratory holes, such as core samples and stratigraphic tests

* ITEM 20: Show the number of completions if production is measured separately from two or more formations.

** ITEM 24: Cement Top - Show how reported top(s) of cement were determined (circulated (CIR), calculated (CAL), cement bond log (CBL), temperature survey (TS)).

Send to: Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Phone: 801-538-5340

Fax: 801-359-3940

Tidewater Oil & Gas, LLC

Grand County, UT

Tidewater State #15-13-2219

#15-13-2219

Wellbore #1

Survey: MWD Survey Report

Standard Survey Report

06 November, 2012

Survey Report

Company: Tidewater Oil & Gas, LLC
Project: Grand County, UT
Site: Tidewater State #15-13-2219
Well: #15-13-2219
Wellbore: Wellbore #1
Design: Crescent surveys

Local Co-ordinate Reference: Well #15-13-2219
TVD Reference: Aztec #580 @ 4686.5usft (RKB Elev. (est.))
MD Reference: Aztec #580 @ 4686.5usft (RKB Elev. (est.))
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: Rocky Mountain R5000 Database

Project	Grand County, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site Tidewater State #15-13-2219
Site Position:
From: Lat/Long **Northing:** 6,771,036.05 usft **Latitude:** 38° 53' 44.430 N
Position Uncertainty: 0.0 usft **Easting:** 2,121,132.97 usft **Longitude:** 109° 48' 39.599 W
Slot Radius: 13-3/16 " **Grid Convergence:** 1.08 °

Well #15-13-2219
Well Position +N/-S 0.0 usft **Northing:** 6,771,036.05 usft **Latitude:** 38° 53' 44.430 N
 +E/-W 0.0 usft **Easting:** 2,121,132.97 usft **Longitude:** 109° 48' 39.599 W
Position Uncertainty 0.0 usft **Wellhead Elevation:** usft **Ground Level:** 4,676.5 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	11/2/2012	10.87	64.86	51,544

Design Crescent surveys
Audit Notes:
Version: 1.0 **Phase:** ACTUAL **Tie On Depth:** 0.0
Vertical Section: **Depth From (TVD) (usft)** **+N/-S (usft)** **+E/-W (usft)** **Direction (°)**
 0.0 0.0 0.0 12.83

Survey Program	Date 11/6/2012
From (usft)	To (usft)
614.0	2,397.0 MWD Survey Report (Wellbore #1)
Survey (Wellbore)	Tool Name
	MWD
	Description
	MWD - Standard

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
614.0	5.40	4.20	613.1	28.8	2.1	28.6	0.88	0.88	0.00
676.0	4.70	2.10	674.9	34.3	2.4	34.0	1.17	-1.13	-3.39
707.0	4.30	1.60	705.8	36.7	2.5	36.4	1.30	-1.29	-1.61
770.0	3.60	3.20	768.6	41.0	2.7	40.6	1.12	-1.11	2.54
802.0	3.60	1.30	800.5	43.1	2.8	42.6	0.37	0.00	-5.94
865.0	2.60	359.90	863.4	46.5	2.8	45.9	1.59	-1.59	-2.22
896.0	2.50	4.20	894.4	47.8	2.8	47.3	0.70	-0.32	13.87
959.0	1.50	7.40	957.4	50.0	3.1	49.5	1.60	-1.59	5.08
990.0	1.40	8.20	988.4	50.8	3.2	50.2	0.33	-0.32	2.58

Survey Report

Company: Tidewater Oil & Gas, LLC
Project: Grand County, UT
Site: Tidewater State #15-13-2219
Well: #15-13-2219
Wellbore: Wellbore #1
Design: Crescent surveys

Local Co-ordinate Reference: Well #15-13-2219
TVD Reference: Aztec #580 @ 4686.5usft (RKB Elev. (est.))
MD Reference: Aztec #580 @ 4686.5usft (RKB Elev. (est.))
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: Rocky Mountain R5000 Database

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
1,050.0	0.40	10.30	1,048.4	51.7	3.3	51.2	1.67	-1.67	3.50
1,176.0	0.40	44.20	1,174.4	52.5	3.7	52.0	0.19	0.00	26.90
1,301.0	0.80	30.20	1,299.4	53.6	4.4	53.2	0.34	0.32	-11.20
1,396.0	1.50	32.30	1,394.3	55.2	5.4	55.0	0.74	0.74	2.21
1,459.0	1.20	15.80	1,457.3	56.5	6.1	56.4	0.77	-0.48	-26.19
1,521.0	1.50	13.60	1,519.3	57.9	6.4	57.9	0.49	0.48	-3.55
1,583.0	1.70	328.90	1,581.3	59.5	6.1	59.4	1.98	0.32	-72.10
1,615.0	2.00	319.80	1,613.3	60.3	5.5	60.1	1.31	0.94	-28.44
1,646.0	0.80	293.70	1,644.2	60.8	5.0	60.4	4.29	-3.87	-84.19
1,677.0	0.70	171.00	1,675.2	60.7	4.8	60.3	4.25	-0.32	-395.81
1,708.0	1.00	157.60	1,706.2	60.3	4.9	59.9	1.15	0.97	-43.23
1,739.0	1.00	141.30	1,737.2	59.8	5.2	59.5	0.91	0.00	-52.58
1,771.0	1.00	132.50	1,769.2	59.4	5.6	59.2	0.48	0.00	-27.50
1,834.0	0.80	138.90	1,832.2	58.7	6.3	58.7	0.35	-0.32	10.16
1,928.0	0.90	133.10	1,926.2	57.7	7.3	57.9	0.14	0.11	-6.17
2,023.0	0.80	125.10	2,021.2	56.8	8.4	57.3	0.16	-0.11	-8.42
2,117.0	0.70	127.90	2,115.2	56.1	9.3	56.8	0.11	-0.11	2.98
2,210.0	0.70	94.50	2,208.2	55.7	10.4	56.6	0.43	0.00	-35.91
2,303.0	0.80	81.50	2,301.2	55.8	11.6	56.9	0.21	0.11	-13.98
2,397.0	0.80	62.40	2,395.2	56.2	12.8	57.6	0.28	0.00	-20.32

Checked By: _____ Approved By: _____ Date: _____



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 11, 2014

Certified Mail No. 7003 2260 0003 2358 7295

Mr. Thomas Johnson
Tidewater Oil & Gas Company
110 16th St, Ste 1220
Denver, CO 80202

43 019 50022
Tidewater St 15-13-2219
15 22S 19E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Johnson:

As of April 2014, Tidewater Oil & Gas Company has one (1) State Lease Well (see attachment A) that is currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2

Tidewater Oil & Gas Company

June 11, 2014

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	TIDEWATER STATE 15-13-2219	43-019-50022	ML-49091	1 year 3 months



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 17, 2014

CERTIFIED MAIL #7011 2970 0001 8828 1856

Mr. Thomas Johnson
Tidewater Oil & Gas Company
110 16th St, STE 405
Denver, CO 80202

43 019 50022
Tidewater St 15-13-2219
15 22S 19E

Subject: Extended Shut-in and Temporary Abandoned Well Requirements for Fee or State Leases

Dear Mr. Johnson:

As of April 2014, Tidewater Oil & Gas Company (Tidewater) has one (1) State Lease Well (see attachment A) that is currently in non-compliance with the requirements for extended shut-in or temporarily abandoned (SI/TA) status. The Division sent Tidewater a notice concerning this well on June 11, 2014. To this date, the Division has not received any response from Tidewater, nor has any work been done to move this well out of non-compliance status. Please immediately address this matter.

Wells SI/TA beyond twelve (12) consecutive months requires filing a Sundry Notice (R649-3-36-1). Wells with five (5) years non-activity or non-productivity shall be plugged, unless the Division grants approval for extended shut-in time upon a showing of good cause by the operator (649-3-36-1.3.3). For extended SI/TA consideration the operator shall provide the Utah Division of Oil, Gas & Mining with the following:

1. Reasons for SI/TA of the well (R649-3-36-1.1).
2. The length of time the well is expected to be SI/TA (R649-3-36-1.2), and
3. An explanation and supporting data if necessary, for showing the well has integrity, meaning that the casing, cement, equipment condition, static fluid level, pressure, existence or absence of Underground Sources of Drinking Water and other factors do not make the well a risk to public health and safety or the environment (R649-3-36-1.3).

Please note that the Divisions preferred method for showing well integrity is by MIT.



Page 2

Tidewater Oil & Gas Company

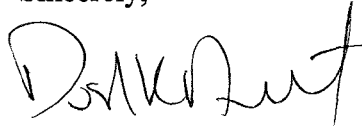
November 17, 2014

Submitting the information suggested below may help show well integrity and may help qualify your well for extended SI/TA. **Note: As of July 1, 2003, wells in violation of the SI/TA rule R649-3-36 may be subject to full cost bonding (R649-3-1-4.2, 4.3).**

1. Wellbore diagram, and
2. Copy of recent casing pressure test, and
3. Current pressures on the wellbore (tubing pressure, casing pressure, and casing/casing annuli pressure) showing wellbore has integrity, and
4. Fluid level in the wellbore, and
5. An explanation of how the submitted information proves integrity.

If the required information is not received within 30 days of the date of this notice, further actions may be initiated. If you have any questions concerning this matter, please contact me at (801) 538-5281.

Sincerely,



Dustin K. Doucet
Petroleum Engineer

DKD/JP/js

cc: Compliance File
Well File
LaVonne Garrison, SITLA

N:\O&G Reviewed Docs\ChronFile\PetroleumEngineer\SITA

ATTACHMENT A

	Well Name	API	LEASE	Years Inactive
1	TIDEWATER STATE 15-13-2219	43-019-50022	ML-49091	1 year 3 months

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML49091
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: TIDEWATER OIL & GAS COMPANY, LLC		7. UNIT or CA AGREEMENT NAME: CRESCENT
3. ADDRESS OF OPERATOR: 110 16th Street, Suite 405 , Denver, CO, 80202 5206		8. WELL NAME and NUMBER: TIDEWATER STATE 15-13-2219
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1875 FSL 1254 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NWSW Section: 15 Township: 22.0S Range: 19.0E Meridian: S		9. API NUMBER: 43019500220000
PHONE NUMBER: 303 468-0656 Ext 201		9. FIELD and POOL or WILDCAT: WILDCAT
COUNTY: GRAND		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <div style="border: 1px solid black; padding: 2px; display: inline-block;">5/21/2015</div> <input type="checkbox"/> SPUD REPORT Date of Spud:
<input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> OTHER			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
 Please find attached the results of the MIT test conducted on this well. If additional information is required, please advise. Thank you.

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 June 26, 2015

NAME (PLEASE PRINT) Vanessa Cameron	PHONE NUMBER 303 868-6449	TITLE Regulatory Analyst
SIGNATURE N/A	DATE 5/27/2015	

